

## CONSONANTS (PULMONIC)

p

Name: VOICELESS BILABIAL PLOSIVE  
 IPA name: Lower-case P  
 IPA number: 101  
 Unicode name: LATIN SMALL LETTER P  
 Unicode range: Basic Latin  
 Hex value: 0070  
 TIPA code: p  
 AFII code: E2A2

t

Name: VOICELESS DENTAL/ALVEOLAR PLOSIVE  
 IPA name: Lower-case T  
 IPA number: 103  
 Unicode name: LATIN SMALL LETTER T  
 Unicode range: Basic Latin  
 Hex value: 0074  
 TIPA code: t  
 AFII code: E2B0

t̚

Name: VOICELESS RETROFLEX PLOSIVE  
 IPA name: Right-tail T  
 IPA number: 105  
 Unicode name: LATIN SMALL LETTER T W/ RETROFLEX HOOK  
 Unicode range: IPA Extensions  
 Hex value: 0288  
 TIPA code: \:t  
 AFII code: E2C7

c

Name: VOICELESS PALATAL PLOSIVE  
 IPA name: Lower-case C  
 IPA number: 107  
 Unicode name: LATIN SMALL LETTER C  
 Unicode range: Basic Latin  
 Hex value: 0063  
 TIPA code: c  
 AFII code: E2D8

k

Name: VOICELESS VELAR PLOSIVE  
 IPA name: Lower-case K  
 IPA number: 109  
 Unicode name: LATIN SMALL LETTER K  
 Unicode range: Basic Latin  
 Hex value: 006B  
 TIPA code: k  
 AFII code: E2DE

q

Name: VOICELESS UVULAR PLOSIVE  
 IPA name: Lower-case Q  
 IPA number: 111  
 Unicode name: LATIN SMALL LETTER Q  
 Unicode range: Basic Latin  
 Hex value: 0071  
 TIPA code: q  
 AFII code: E2E6

ʔ

Name: GLOTTAL PLOSIVE  
 IPA name: Glottal stop  
 IPA number: 113  
 Unicode name: LATIN LETTER GLOTTAL STOP  
 Unicode range: IPA Extensions  
 Hex value: 0294  
 TIPA code: P  
 AFII code: E2ED

b

Name: VOICED BILABIAL PLOSIVE  
 IPA name: Lower-case B  
 IPA number: 102  
 Unicode name: LATIN SMALL LETTER B  
 Unicode range: Basic Latin  
 Hex value: 0062  
 TIPA code: b  
 AFII code: E2A3

d

Name: VOICED DENTAL/ALVEOLAR PLOSIVE  
 IPA name: Lower-case D  
 IPA number: 104  
 Unicode name: LATIN SMALL LETTER D  
 Unicode range: Basic Latin  
 Hex value: 0064  
 TIPA code: d  
 AFII code: E2B1

d̚

Name: VOICED RETROFLEX PLOSIVE  
 IPA name: Right-tail D  
 IPA number: 106  
 Unicode name: LATIN SMALL LETTER D W/ TAIL  
 Unicode range: IPA Extensions  
 Hex value: 0256  
 TIPA code: \:d  
 AFII code: E2C8

ɟ

Name: VOICED PALATAL PLOSIVE  
 IPA name: Barred dotless J  
 IPA number: 108  
 Unicode name: LATIN SMALL LETTER DOTLESS J W/ STROKE  
 Unicode range: IPA Extensions  
 Hex value: 025F  
 TIPA code: \:textbardotlessj  
 AFII code: E2D9

ɡ

Name: VOICED VELAR PLOSIVE  
 IPA name: Opentail G  
 IPA number: 110  
 Unicode name: LATIN SMALL LETTER SCRIPT G  
 Unicode range: IPA Extensions  
 Hex value: 0261  
 TIPA code: ɡ  
 AFII code: E2DF

Ǫ

Name: VOICED UVULAR PLOSIVE  
 IPA name: Small capital G  
 IPA number: 112  
 Unicode name: LATIN LETTER SMALL CAPITAL G  
 Unicode range: IPA Extensions  
 Hex value: 0262  
 TIPA code: \:G  
 AFII code: E2E7

m

Name: VOICED BILABIAL NASAL  
 IPA name: Lower-case M  
 IPA number: 114  
 Unicode name: LATIN SMALL LETTER M  
 Unicode range: Basic Latin  
 Hex value: 006D  
 TIPA code: m  
 AFII code: E2A1

## CONSONANTS (PULMONIC)

|  |   |   |  |
|--|---|---|--|
|    | <p>Name: VOICED LABIODENTAL NASAL<br/>           IPA name: Left-tail M (at right)<br/>           IPA number: 115<br/>           Unicode name: LATIN SMALL LETTER M W/ HOOK<br/>           Unicode range: IPA Extensions<br/>           Hex value: 0271<br/>           TIPA code: M<br/>           AFII code: E2AB</p> |    | <p>Name: VOICED DENTAL/ALVEOLAR NASAL<br/>           IPA name: Lower-case N<br/>           IPA number: 116<br/>           Unicode name: LATIN SMALL LETTER N<br/>           Unicode range: Basic Latin<br/>           Hex value: 006E<br/>           TIPA code: n<br/>           AFII code: E2AF</p>                             |
|    | <p>Name: VOICED RETROFLEX NASAL<br/>           IPA name: Right-tail N<br/>           IPA number: 117<br/>           Unicode name: LATIN SMALL LETTER N W/ RETROFLEX HOOK<br/>           Unicode range: IPA Extensions<br/>           Hex value: 0273<br/>           TIPA code: \:n<br/>           AFII code: E2C6</p> |    | <p>Name: VOICED PALATAL NASAL<br/>           IPA name: Left-tail N (at left)<br/>           IPA number: 118<br/>           Unicode name: LATIN SMALL LETTER N W/ LEFT HOOK<br/>           Unicode range: IPA Extensions<br/>           Hex value: 0272<br/>           TIPA code: \:textltailn<br/>           AFII code: E2D7</p> |
|    | <p>Name: VOICED VELAR NASAL<br/>           IPA name: Eng<br/>           IPA number: 119<br/>           Unicode name: LATIN SMALL LETTER ENG<br/>           Unicode range: Latin Extended-A<br/>           Hex value: 014B<br/>           TIPA code: N<br/>           AFII code: E2DD</p>                              |    | <p>Name: VOICED UVULAR NASAL<br/>           IPA name: Small capital N<br/>           IPA number: 120<br/>           Unicode name: LATIN LETTER SMALL CAPITAL N<br/>           Unicode range: IPA Extensions<br/>           Hex value: 0274<br/>           TIPA code: \:N<br/>           AFII code: E2E4</p>                      |
|    | <p>Name: VOICED BILABIAL TRILL<br/>           IPA name: Small capital B<br/>           IPA number: 121<br/>           Unicode name: LATIN LETTER SMALL CAPITAL B<br/>           Unicode range: IPA Extensions<br/>           Hex value: 0299<br/>           TIPA code: \:B<br/>           AFII code: E2F0</p>         |    | <p>Name: VOICED DENTAL/ALVEOLAR TRILL<br/>           IPA name: Lower-case R<br/>           IPA number: 122<br/>           Unicode name: LATIN SMALL LETTER R<br/>           Unicode range: Basic Latin<br/>           Hex value: 0072<br/>           TIPA code: r<br/>           AFII code: E2C0</p>                             |
|   | <p>Name: VOICED UVULAR TRILL<br/>           IPA name: Small capital R<br/>           IPA number: 123<br/>           Unicode name: LATIN LETTER SMALL CAPITAL R<br/>           Unicode range: IPA Extensions<br/>           Hex value: 0280<br/>           TIPA code: \:R<br/>           AFII code: E2EA</p>           |   | <p>Name: VOICED LABIODENTAL FLAP<br/>           IPA name: Right-hook V<br/>           IPA number: 184<br/>           Unicode name: LATIN SMALL LETTER V W/ RIGHT HOOK<br/>           Unicode range: Latin Extended-C<br/>           Hex value: 2C71<br/>           TIPA code: N/A<br/>           AFII code: N/A</p>              |
|  | <p>Name: VOICED DENTAL/ALVEOLAR TAP<br/>           IPA name: Fish-hook R<br/>           IPA number: 124<br/>           Unicode name: LATIN SMALL LETTER R W/ FISHHOOK<br/>           Unicode range: IPA Extensions<br/>           Hex value: 027E<br/>           TIPA code: R<br/>           AFII code: E2C1</p>      |  | <p>Name: VOICED RETROFLEX FLAP<br/>           IPA name: Right-tail R<br/>           IPA number: 125<br/>           Unicode name: LATIN SMALL LETTER R W/ TAIL<br/>           Unicode range: IPA Extensions<br/>           Hex value: 027D<br/>           TIPA code: \:r<br/>           AFII code: E2CD</p>                       |
|  | <p>Name: VOICELESS BILABIAL FRICATIVE<br/>           IPA name: Phi<br/>           IPA number: 126<br/>           Unicode name: LATIN SMALL LETTER PHI<br/>           Unicode range: IPA Extensions<br/>           Hex value: 0278<br/>           TIPA code: F<br/>           AFII code: E2A4</p>                      |  | <p>Name: VOICED BILABIAL FRICATIVE<br/>           IPA name: Beta<br/>           IPA number: 127<br/>           Unicode name: GREEK SMALL LETTER BETA<br/>           Unicode range: Greek and Coptic<br/>           Hex value: 03B2<br/>           TIPA code: B<br/>           AFII code: E2A5</p>                                |

## CONSONANTS (PULMONIC)

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|----------|--|----------|---|
| <b>f</b> | Name: VOICELESS LABIODENTAL FRICATIVE<br>IPA name: Lower-case F<br>IPA number: 128<br>Unicode name: LATIN SMALL LETTER F<br>Unicode range: Basic Latin<br>Hex value: 0066<br>TIPA code: f<br>AFII code: E2AC                     | <b>v</b> | Name: VOICED LABIODENTAL FRICATIVE<br>IPA name: Lower-case V<br>IPA number: 129<br>Unicode name: LATIN SMALL LETTER V<br>Unicode range: Basic Latin<br>Hex value: 0076<br>TIPA code: v<br>AFII code: E2AD                     |
| <b>θ</b> | Name: VOICELESS DENTAL FRICATIVE<br>IPA name: Theta<br>IPA number: 130<br>Unicode name: GREEK SMALL LETTER THETA<br>Unicode range: Greek and Coptic<br>Hex value: 03B8<br>TIPA code: T<br>AFII code: E2B2                        | <b>ð</b> | Name: VOICED DENTAL FRICATIVE<br>IPA name: Eth<br>IPA number: 131<br>Unicode name: LATIN SMALL LETTER ETH<br>Unicode range: Latin-1 Supplement<br>Hex value: 00F0<br>TIPA code: D<br>AFII code: E2B3                          |
| <b>s</b> | Name: VOICELESS ALVEOLAR FRICATIVE<br>IPA name: Lower-case S<br>IPA number: 132<br>Unicode name: LATIN SMALL LETTER S<br>Unicode range: Basic Latin<br>Hex value: 0073<br>TIPA code: s<br>AFII code: E2B6                        | <b>z</b> | Name: VOICED ALVEOLAR FRICATIVE<br>IPA name: Lower-case Z<br>IPA number: 133<br>Unicode name: LATIN SMALL LETTER Z<br>Unicode range: Basic Latin<br>Hex value: 007A<br>TIPA code: z<br>AFII code: E2B7                        |
| <b>ʃ</b> | Name: VOICELESS POSTALVEOLAR FRICATIVE<br>IPA name: Esh<br>IPA number: 134<br>Unicode name: LATIN SMALL LETTER ESH<br>Unicode range: IPA Extensions<br>Hex value: 0283<br>TIPA code: S<br>AFII code: E2D0                        | <b>ʒ</b> | Name: VOICED POSTALVEOLAR FRICATIVE<br>IPA name: Ezh; Tailed Z<br>IPA number: 135<br>Unicode name: LATIN SMALL LETTER EZH<br>Unicode range: IPA Extensions<br>Hex value: 0292<br>TIPA code: Z<br>AFII code: E2D1              |
| <b>ʂ</b> | Name: VOICELESS RETROFLEX FRICATIVE<br>IPA name: Right-tail S (at left)<br>IPA number: 136<br>Unicode name: LATIN SMALL LETTER S W/ HOOK<br>Unicode range: IPA Extensions<br>Hex value: 0282<br>TIPA code: \s<br>AFII code: E2C9 | <b>ʐ</b> | Name: VOICED RETROFLEX FRICATIVE<br>IPA name: Right-tail Z<br>IPA number: 137<br>Unicode name: LATIN SMALL LETTER Z W/ RETROFLEX HOOK<br>Unicode range: IPA Extensions<br>Hex value: 0290<br>TIPA code: \z<br>AFII code: E2CA |
| <b>ç</b> | Name: VOICELESS PALATAL FRICATIVE<br>IPA name: C cedilla<br>IPA number: 138<br>Unicode name: LATIN SMALL LETTER C W/ CEDILLA<br>Unicode range: Latin-1 Supplement<br>Hex value: 00E7<br>TIPA code: \c{c}<br>AFII code: E2DA      | <b>ɟ</b> | Name: VOICED PALATAL FRICATIVE<br>IPA name: Curly-tail J<br>IPA number: 139<br>Unicode name: LATIN SMALL LETTER J W/ CROSSED-TAIL<br>Unicode range: IPA Extensions<br>Hex value: 029D<br>TIPA code: J<br>AFII code: E2F3      |
| <b>x</b> | Name: VOICELESS VELAR FRICATIVE<br>IPA name: Lower-case X<br>IPA number: 140<br>Unicode name: LATIN SMALL LETTER X<br>Unicode range: Basic Latin<br>Hex value: 0078<br>TIPA code: x<br>AFII code: E2E0                           | <b>ɣ</b> | Name: VOICED VELAR FRICATIVE<br>IPA name: Gamma<br>IPA number: 141<br>Unicode name: LATIN SMALL LETTER GAMMA<br>Unicode range: IPA Extensions<br>Hex value: 0263<br>TIPA code: G<br>AFII code: E2E1                           |

## CONSONANTS (PULMONIC)

Name: VOICELESS UVULAR FRICATIVE  
 IPA name: Chi  
 IPA number: 142  
 Unicode name: GREEK SMALL LETTER CHI  
 Unicode range: Greek and Coptic  
 Hex value: 03C7  
 TIPA code: X  
 AFII code: E2E8

Name: VOICELESS PHARYNGEAL FRICATIVE  
 IPA name: Barred H  
 IPA number: 144  
 Unicode name: LATIN SMALL LETTER H W/ STROKE  
 Unicode range: Latin Extended-A  
 Hex value: 0127  
 TIPA code: \textcrh  
 AFII code: E2EB

Name: VOICELESS GLOTTAL FRICATIVE  
 IPA name: Lower-case H  
 IPA number: 146  
 Unicode name: LATIN SMALL LETTER H  
 Unicode range: Basic Latin  
 Hex value: 0068  
 TIPA code: h  
 AFII code: E2EE

Name: VOICELESS DENTAL/ALVEOLAR LATERAL FRICATIVE  
 IPA name: Belted L  
 IPA number: 148  
 Unicode name: LATIN SMALL LETTER L W/ BELT  
 Unicode range: IPA Extensions  
 Hex value: 026C  
 TIPA code: \textbeltl  
 AFII code: E2BB

Name: VOICED LABIODENTAL APPROXIMANT  
 IPA name: Cursive V  
 IPA number: 150  
 Unicode name: LATIN SMALL LETTER V W/ HOOK  
 Unicode range: IPA Extensions  
 Hex value: 028B  
 TIPA code: V  
 AFII code: E2AE

Name: VOICED RETROFLEX APPROXIMANT  
 IPA name: Turned R|right tail  
 IPA number: 152  
 Unicode name: LATIN SMALL LETTER TURNED R W/ HOOK  
 Unicode range: IPA Extensions  
 Hex value: 027B  
 TIPA code: \:R  
 AFII code: E2CB

Name: VOICED VELAR APPROXIMANT  
 IPA name: Turned M|right leg  
 IPA number: 154  
 Unicode name: LATIN SMALL LETTER TURNED M W/ LONG LEG  
 Unicode range: IPA Extensions  
 Hex value: 0270  
 TIPA code: \textturnmrlg  
 AFII code: E2E2

Name: VOICED UVULAR FRICATIVE  
 IPA name: Inverted small capital R  
 IPA number: 143  
 Unicode name: LATIN LETTER SMALL CAPITAL INVERTED R  
 Unicode range: IPA Extensions  
 Hex value: 0281  
 TIPA code: K  
 AFII code: E2E9

Name: VOICED PHARYNGEAL FRICATIVE/APPROXIMANT  
 IPA name: Reversed glottal stop  
 IPA number: 145  
 Unicode name: LATIN LETTER PHARYNGEAL VOICED FRICATIVE  
 Unicode range: IPA Extensions  
 Hex value: 0295  
 TIPA code: Q  
 AFII code: E2EC

Name: VOICED GLOTTAL FRICATIVE  
 IPA name: Hooktop H  
 IPA number: 147  
 Unicode name: LATIN SMALL LETTER H W/ HOOK  
 Unicode range: IPA Extensions  
 Hex value: 0266  
 TIPA code: H  
 AFII code: E2EF

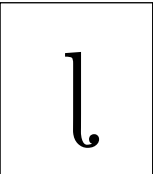
Name: VOICED DENTAL/ALVEOLAR LATERAL FRICATIVE  
 IPA name: L-Ezh ligature  
 IPA number: 149  
 Unicode name: LATIN SMALL LETTER LEZH  
 Unicode range: IPA Extensions  
 Hex value: 026E  
 TIPA code: \textlyoghlig  
 AFII code: E2BC

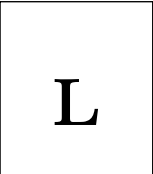
Name: VOICED DENTAL/ALVEOLAR APPROXIMANT  
 IPA name: Turned R  
 IPA number: 151  
 Unicode name: LATIN SMALL LETTER TURNED R  
 Unicode range: IPA Extensions  
 Hex value: 0279  
 TIPA code: \\*r  
 AFII code: E2BA

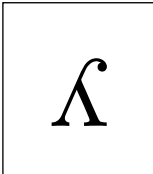
Name: VOICED PALATAL APPROXIMANT  
 IPA name: Lower-case J  
 IPA number: 153  
 Unicode name: LATIN SMALL LETTER J  
 Unicode range: Basic Latin  
 Hex value: 006A  
 TIPA code: j  
 AFII code: E2DB

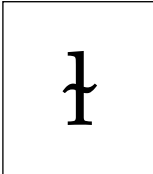
Name: VOICED DENTAL/ALVEOLAR LATERAL APPROXIMANT  
 IPA name: Lower-case L  
 IPA number: 155  
 Unicode name: LATIN SMALL LETTER L  
 Unicode range: Basic Latin  
 Hex value: 006C  
 TIPA code: l  
 AFII code: E2BD

## CONSONANTS (PULMONIC)

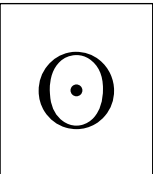

 Name: VOICED RETROFLEX LATERAL APPROXIMANT  
 IPA name: Right-tail L  
 IPA number: 156  
 Unicode name: LATIN SMALL LETTER L W/ RETROFLEX HOOK  
 Unicode range: IPA Extensions  
 Hex value: 026D  
 TIPA code: \l  
 AFII code: E2CC

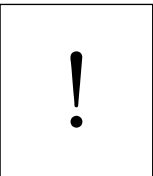

 Name: VOICED VELAR LATERAL APPROXIMANT  
 IPA name: Small capital L  
 IPA number: 158  
 Unicode name: LATIN LETTER SMALL CAPITAL L  
 Unicode range: IPA Extensions  
 Hex value: 029F  
 TIPA code: \;L  
 AFII code: E2F5

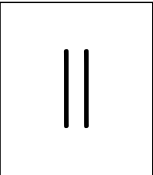

 Name: VOICED PALATAL LATERAL APPROXIMANT  
 IPA name: Turned Y  
 IPA number: 157  
 Unicode name: LATIN SMALL LETTER TURNED Y  
 Unicode range: IPA Extensions  
 Hex value: 028E  
 TIPA code: L  
 AFII code: E2DC



 Name: VELARIZED VOICED DENTAL/ALVEOLAR LATERAL APPROXIMANT  
 IPA name: L with tilde  
 IPA number: 209  
 Unicode name: LATIN SMALL LETTER L W/ MIDDLE TILDE  
 Unicode range: IPA Extensions  
 Hex value: 026B  
 TIPA code: N/A  
 AFII code: E27D

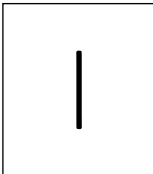
## CONSONANTS (NON-PULMONIC)

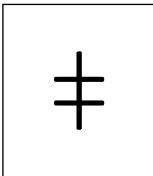

 Name: BILABIAL CLICK  
 IPA name: Bull's eye  
 IPA number: 176  
 Unicode name: LATIN LETTER BILABIAL CLICK  
 Unicode range: IPA Extensions  
 Hex value: 0298  
 TIPA code: \!o  
 AFII code: E2AA

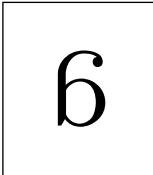

 Name: (POST)ALVEOLAR CLICK  
 IPA name: Exclamation point  
 IPA number: 178  
 Unicode name: LATIN LETTER RETROFLEX CLICK  
 Unicode range: Latin Extended-B  
 Hex value: 01C3  
 TIPA code: !  
 AFII code: 23A5

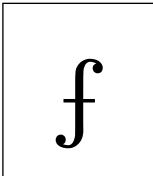

 Name: ALVEOLAR LATERAL CLICK  
 IPA name: Double pipe  
 IPA number: 180  
 Unicode name: LATIN LETTER LATERAL CLICK  
 Unicode range: Latin Extended-B  
 Hex value: 01C1  
 TIPA code: ||  
 AFII code: 23A7


 Name: VOICED DENTAL/ALVEOLAR IMPLOSIVE  
 IPA name: Hooktop D  
 IPA number: 162  
 Unicode name: LATIN SMALL LETTER D W/ HOOK  
 Unicode range: IPA Extensions  
 Hex value: 0257  
 TIPA code: \!d  
 AFII code: E2C2


 Name: DENTAL CLICK  
 IPA name: Pipe  
 IPA number: 177  
 Unicode name: LATIN LETTER DENTAL CLICK  
 Unicode range: Latin Extended-B  
 Hex value: 01C0  
 TIPA code: |  
 AFII code: 23A6


 Name: PALATOALVEOLAR CLICK  
 IPA name: Double-barred pipe  
 IPA number: 179  
 Unicode name: LATIN LETTER ALVEOLAR CLICK  
 Unicode range: Latin Extended-B  
 Hex value: 01C2  
 TIPA code: \!textdoublebarpipe  
 AFII code: 23A4


 Name: VOICED BILABIAL IMPLOSIVE  
 IPA name: Hooktop B  
 IPA number: 160  
 Unicode name: LATIN SMALL LETTER B W/ HOOK  
 Unicode range: IPA Extensions  
 Hex value: 0253  
 TIPA code: \!b  
 AFII code: E2A9


 Name: VOICED PALATAL IMPLOSIVE  
 IPA name: Hooktop barred dotless J  
 IPA number: 164  
 Unicode name: LATIN SMALL LETTER DOTLESS J W/ STROKE AND HOOK  
 Unicode range: IPA Extensions  
 Hex value: 0284  
 TIPA code: \!j  
 AFII code: E27C

## CONSONANTS (NON-PULMONIC)

Name: VOICED VELAR IMPLOSIVE  
 IPA name: Hooktop G  
 IPA number: 166  
 Unicode name: LATIN SMALL LETTER G W/ HOOK  
 Unicode range: IPA Extensions  
 Hex value: 0260  
 TIPA code: \!g  
 AFII code: E27E

Name: VOICED UVULAR IMPLOSIVE  
 IPA name: Hooktop small capital G  
 IPA number: 168  
 Unicode name: LATIN LETTER SMALL CAPITAL G W/ HOOK  
 Unicode range: IPA Extensions  
 Hex value: 029B  
 TIPA code: \!G  
 AFII code: E2F1

Name: EJECTIVE  
 IPA name: Apostrophe  
 IPA number: 401  
 Unicode name: MODIFIER LETTER APOSTROPHE  
 Unicode range: Spacing Modifier Letters  
 Hex value: 02BC  
 TIPA code: N/A  
 AFII code: E249

Name: BILABIAL EJECTIVE  
 IPA name: Lower-case P + apostrophe  
 IPA number: 101 + 401  
 Unicode name: N/A  
 Unicode range: N/A  
 Hex value: 0070 + 02BC  
 TIPA code: N/A  
 AFII code: N/A

Name: DENTAL/ALVEOLAR EJECTIVE  
 IPA name: Lower-case T + apostrophe  
 IPA number: 103 + 401  
 Unicode name: N/A  
 Unicode range: N/A  
 Hex value: 0074 + 02BC  
 TIPA code: N/A  
 AFII code: N/A

Name: VELAR EJECTIVE  
 IPA name: Lower-case K + apostrophe  
 IPA number: 109 + 401  
 Unicode name: N/A  
 Unicode range: N/A  
 Hex value: 006B + 02BC  
 TIPA code: N/A  
 AFII code: N/A

Name: ALVEOLAR FRICATIVE EJECTIVE  
 IPA name: Lower-case S + apostrophe  
 IPA number: 132 + 401  
 Unicode name: N/A  
 Unicode range: N/A  
 Hex value: 0073 + 02BC  
 TIPA code: N/A  
 AFII code: N/A

## OTHER SYMBOLS

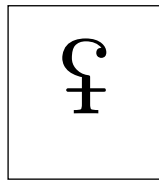
Name: VOICELESS LABIAL-VELAR FRICATIVE  
 IPA name: Turned W  
 IPA number: 169  
 Unicode name: LATIN SMALL LETTER TURNED W  
 Unicode range: IPA Extensions  
 Hex value: 028D  
 TIPA code: \\*w  
 AFII code: E2A7

Name: VOICED LABIAL-VELAR APPROXIMANT  
 IPA name: Lower-case W  
 IPA number: 170  
 Unicode name: LATIN SMALL LETTER W  
 Unicode range: Basic Latin  
 Hex value: 0077  
 TIPA code: w  
 AFII code: E2A8

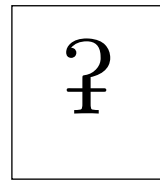
Name: VOICED LABIAL-PALATAL APPROXIMANT  
 IPA name: Turned H  
 IPA number: 171  
 Unicode name: LATIN SMALL LETTER TURNED H  
 Unicode range: IPA Extensions  
 Hex value: 0265  
 TIPA code: 4  
 AFII code: E2A6

Name: VOICELESS EPIGLOTTAL FRICATIVE  
 IPA name: Small capital H  
 IPA number: 172  
 Unicode name: LATIN LETTER SMALL CAPITAL H  
 Unicode range: IPA Extensions  
 Hex value: 029C  
 TIPA code: \;H  
 AFII code: E2F2

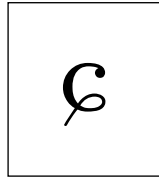
## OTHER SYMBOLS



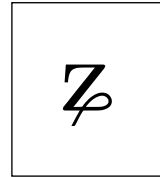
Name: VOICED EPIGLOTTAL FRICATIVE/APPROXIMANT  
 IPA name: Barred reversed glottal stop  
 IPA number: 174  
 Unicode name: LATIN LETTER REVERSED GLOTTAL STOP W/ STROKE  
 Unicode range: IPA Extensions  
 Hex value: 02A2  
 TIPA code: \textbarrevglotstop  
 AFII code: E2F8



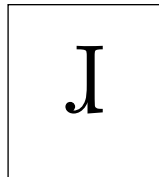
Name: EPIGLOTTAL PLOSIVE  
 IPA name: Barred glottal stop  
 IPA number: 173  
 Unicode name: LATIN LETTER GLOTTAL STOP W/ STROKE  
 Unicode range: IPA Extensions  
 Hex value: 02A1  
 TIPA code: \textbarglotstop  
 AFII code: E2F7



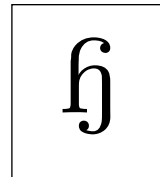
Name: VOICELESS ALVEOLO-PALATAL FRICATIVE  
 IPA name: Curly-tail C  
 IPA number: 182  
 Unicode name: LATIN SMALL LETTER C W/ CURL  
 Unicode range: IPA Extensions  
 Hex value: 0255  
 TIPA code: C  
 AFII code: E2CE



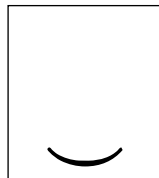
Name: VOICED ALVEOLO-PALATAL FRICATIVE  
 IPA name: Curly-tail Z  
 IPA number: 183  
 Unicode name: LATIN SMALL LETTER Z W/ CURL  
 Unicode range: IPA Extensions  
 Hex value: 0291  
 TIPA code: \textctz  
 AFII code: E2CF



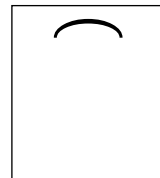
Name: VOICED ALVEOLAR LATERAL FLAP  
 IPA name: Turned long-leg R  
 IPA number: 181  
 Unicode name: LATIN SMALL LETTER TURNED R W/ LONG LEG  
 Unicode range: IPA Extensions  
 Hex value: 027A  
 TIPA code: \textturnlonglegr  
 AFII code: E2BF



Name: VOICELESS POSTALVEOLAR-VELAR FRICATIVE  
 IPA name: Hooktop heng  
 IPA number: 175  
 Unicode name: LATIN SMALL LETTER HENG W/ HOOK  
 Unicode range: IPA Extensions  
 Hex value: 0267  
 TIPA code: \texttheng  
 AFII code: E2D6

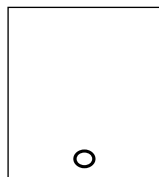


Name: TIE BAR (BELOW)  
 IPA name: Bottom tie bar  
 IPA number: (509)  
 Unicode name: COMBINING DOUBLE BREVE BELOW  
 Unicode range: Combining Diacritical Marks  
 Hex value: 035C  
 TIPA code: N/A  
 AFII code: 230F

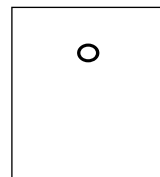


Name: TIE BAR (ABOVE)  
 IPA name: Top tie bar  
 IPA number: 433  
 Unicode name: COMBINING DOUBLE INVERTED BREVE  
 Unicode range: Combining Diacritical Marks  
 Hex value: 0361  
 TIPA code: \t{cc}  
 AFII code: E225

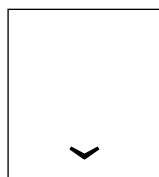
## DIACRITICS



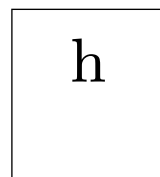
Name: VOICELESS  
 IPA name: Under-ring  
 IPA number: 402A  
 Unicode name: COMBINING RING BELOW  
 Unicode range: Combining Diacritical Marks  
 Hex value: 0325  
 TIPA code: \r\*c  
 AFII code: E229



Name: VOICELESS (ABOVE)  
 IPA name: Over-ring  
 IPA number: 402B  
 Unicode name: COMBINING RING ABOVE  
 Unicode range: Combining Diacritical Marks  
 Hex value: 030A  
 TIPA code: N/A  
 AFII code: 00CA

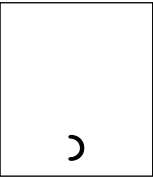
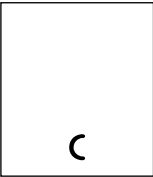
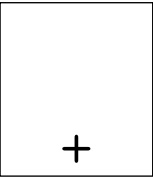
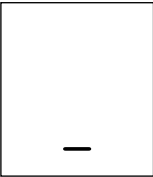
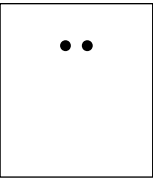
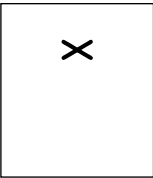
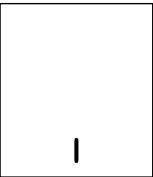
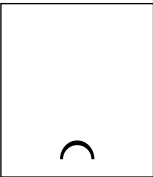

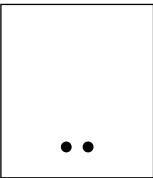
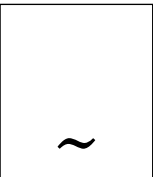
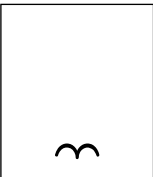

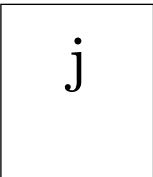


Name: VOICED  
 IPA name: Subscript wedge  
 IPA number: 403  
 Unicode name: COMBINING CARON BELOW  
 Unicode range: Combining Diacritical Marks  
 Hex value: 032C  
 TIPA code: \v\*c  
 AFII code: E22A



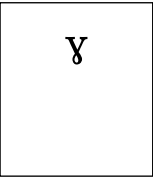
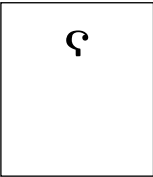
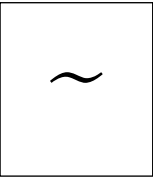
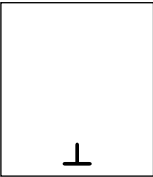
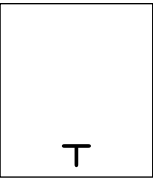
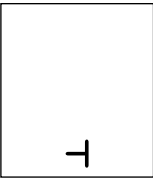
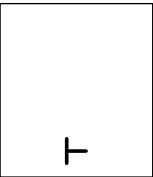
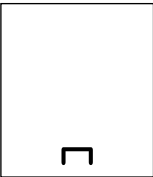
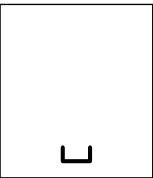
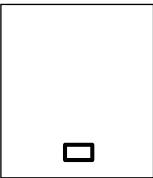

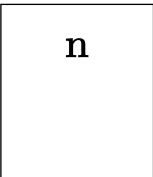
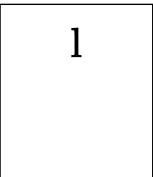
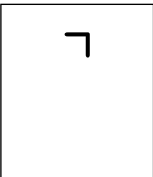
Name: ASPIRATED  
 IPA name: Superscript H  
 IPA number: 404  
 Unicode name: MODIFIER LETTER SMALL H  
 Unicode range: Spacing Modifier Letters  
 Hex value: 02B0  
 TIPA code: c/super h  
 AFII code: D565

## DIACRITICS

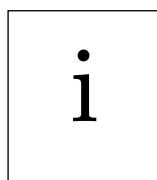
|  |   |   |  |
|--|---|---|--|
|    | <p>Name: MORE ROUNDED<br/>           IPA name: Subscript right half-ring<br/>           IPA number: 411<br/>           Unicode name: COMBINING RIGHT HALF RING BELOW<br/>           Unicode range: Combining Diacritical Marks<br/>           Hex value: 0339<br/>           TIPA code: \} v<br/>           AFII code: E23C</p> |    | <p>Name: LESS ROUNDED<br/>           IPA name: Subscript left half-ring<br/>           IPA number: 412<br/>           Unicode name: COMBINING LEFT HALF RING BELOW<br/>           Unicode range: Combining Diacritical Marks<br/>           Hex value: 031C<br/>           TIPA code: \ (v<br/>           AFII code: E232</p>  |
|    | <p>Name: ADVANCED<br/>           IPA name: Subscript plus<br/>           IPA number: 413<br/>           Unicode name: COMBINING PLUS SIGN BELOW<br/>           Unicode range: Combining Diacritical Marks<br/>           Hex value: 031F<br/>           TIPA code: \} +v<br/>           AFII code: E233</p>                     |    | <p>Name: RETRACTED<br/>           IPA name: Under-bar<br/>           IPA number: 414<br/>           Unicode name: COMBINING MINUS SIGN BELOW<br/>           Unicode range: Combining Diacritical Marks<br/>           Hex value: 0320<br/>           TIPA code: \ =*v<br/>           AFII code: E234</p>                       |
|    | <p>Name: CENTRALIZED<br/>           IPA name: Umlaut<br/>           IPA number: 415<br/>           Unicode name: COMBINING DIAERESIS<br/>           Unicode range: Combining Diacritical Marks<br/>           Hex value: 0308<br/>           TIPA code: \ ^v<br/>           AFII code: E221</p>                                 |    | <p>Name: MID-CENTRALIZED<br/>           IPA name: Over-cross<br/>           IPA number: 416<br/>           Unicode name: COMBINING X ABOVE<br/>           Unicode range: Combining Diacritical Marks<br/>           Hex value: 033D<br/>           TIPA code: \} x{v}<br/>           AFII code: 2311</p>                       |
|    | <p>Name: SYLLABIC<br/>           IPA name: Syllabicity mark<br/>           IPA number: 431<br/>           Unicode name: COMBINING VERTICAL LINE BELOW<br/>           Unicode range: Combining Diacritical Marks<br/>           Hex value: 0329<br/>           TIPA code: \s{c}<br/>           AFII code: E22E</p>               |    | <p>Name: NON-SYLLABIC<br/>           IPA name: Subscript arch<br/>           IPA number: 432<br/>           Unicode name: COMBINING INVERTED BREVE BELOW<br/>           Unicode range: Combining Diacritical Marks<br/>           Hex value: 032F<br/>           TIPA code: \textsubarch{v}<br/>           AFII code: 23FA</p> |
|   | <p>Name: RHOTICITY<br/>           IPA name: Right hook<br/>           IPA number: 419<br/>           Unicode name: MODIFIER LETTER RHOTIC HOOK<br/>           Unicode range: Spacing Modifier Letters<br/>           Hex value: 02DE<br/>           TIPA code: v tetrhoticity<br/>           AFII code: E28A</p>                |   | <p>Name: BREATHY VOICED<br/>           IPA name: Subscript umlaut<br/>           IPA number: 405<br/>           Unicode name: COMBINING DIAERESIS BELOW<br/>           Unicode range: Combining Diacritical Marks<br/>           Hex value: 0324<br/>           TIPA code: \ ^*c<br/>           AFII code: E22B</p>            |
|  | <p>Name: CREAKY VOICED<br/>           IPA name: Subscript tilde<br/>           IPA number: 406<br/>           Unicode name: COMBINING TILDE BELOW<br/>           Unicode range: Combining Diacritical Marks<br/>           Hex value: 0330<br/>           TIPA code: \v~*c<br/>           AFII code: 23D8</p>                   |  | <p>Name: LINGUOLABIAL<br/>           IPA name: Subscript seagull<br/>           IPA number: 407<br/>           Unicode name: COMBINING SEAGULL BELOW<br/>           Unicode range: Combining Diacritical Marks<br/>           Hex value: 033C<br/>           TIPA code: \} m{c}<br/>           AFII code: 22E8</p>             |
|  | <p>Name: LABIALIZED<br/>           IPA name: Superscript W<br/>           IPA number: 420<br/>           Unicode name: MODIFIER LETTER SMALL W<br/>           Unicode range: Spacing Modifier Letters<br/>           Hex value: 02B7<br/>           TIPA code: c super w<br/>           AFII code: D56E</p>                     |  | <p>Name: PALATALIZED<br/>           IPA name: Superscript J<br/>           IPA number: 421<br/>           Unicode name: MODIFIER LETTER SMALL J<br/>           Unicode range: Spacing Modifier Letters<br/>           Hex value: 02B2<br/>           TIPA code: c super j<br/>           AFII code: D567</p>                   |



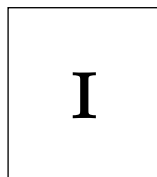
## DIACRITICS

|  |  |   |   |
|--|--|---|---|
|    | <p>Name: VELARIZED<br/>           IPA name: Superscript gamma<br/>           IPA number: 422<br/>           Unicode name: MODIFIER LETTER SMALL GAMMA<br/>           Unicode range: Spacing Modifier Letters<br/>           Hex value: 02E0<br/>           TIPA code: c<sup>super</sup> G<br/>           AFII code: E28B</p>                         |    | <p>Name: PHARYNGEALIZED<br/>           IPA name: Superscript reversed glottal stop<br/>           IPA number: 423<br/>           Unicode name: MODIFIER LETTER SMALL REVERSED GLOTTAL STOP<br/>           Unicode range: Spacing Modifier Letters<br/>           Hex value: 02E4<br/>           TIPA code: c<sup>super</sup> Q<br/>           AFII code: E28C</p> |
|    | <p>Name: VELARIZED OR PHARYNGEALIZED<br/>           IPA name: Superimposed tilde<br/>           IPA number: 428<br/>           Unicode name: COMBINING TILDE OVERLAY<br/>           Unicode range: Combining Diacritical Marks<br/>           Hex value: 0334<br/>           TIPA code: \ textsuperimposetilde{c}<br/>           AFII code: E226</p> |    | <p>Name: RAISED<br/>           IPA name: Raising sign<br/>           IPA number: 429<br/>           Unicode name: COMBINING UP TACK BELOW<br/>           Unicode range: Combining Diacritical Marks<br/>           Hex value: 031D<br/>           TIPA code: \ v<br/>           AFII code: E22F</p>   |
|    | <p>Name: LOWERED<br/>           IPA name: Lowering sign<br/>           IPA number: 430<br/>           Unicode name: COMBINING DOWN TACK BELOW<br/>           Unicode range: Combining Diacritical Marks<br/>           Hex value: 031E<br/>           TIPA code: \ v<br/>           AFII code: E231</p>  |    | <p>Name: ADVANCED TONGUE ROOT<br/>           IPA name: Advancing sign<br/>           IPA number: 417<br/>           Unicode name: COMBINING LEFT TACK BELOW<br/>           Unicode range: Combining Diacritical Marks<br/>           Hex value: 0318<br/>           TIPA code: \ &lt;v<br/>           AFII code: 23F7</p>   |
|    | <p>Name: RETRACTED TONGUE ROOT<br/>           IPA name: Retracting sign<br/>           IPA number: 418<br/>           Unicode name: COMBINING RIGHT TACK BELOW<br/>           Unicode range: Combining Diacritical Marks<br/>           Hex value: 0319<br/>           TIPA code: \ &gt;v<br/>           AFII code: 23F8</p>                         |    | <p>Name: DENTAL<br/>           IPA name: Subscript bridge<br/>           IPA number: 408<br/>           Unicode name: COMBINING BRIDGE BELOW<br/>           Unicode range: Combining Diacritical Marks<br/>           Hex value: 032A<br/>           TIPA code: \ [c<br/>           AFII code: E22C</p>   |
|   | <p>Name: APICAL<br/>           IPA name: Inverted subscript bridge<br/>           IPA number: 409<br/>           Unicode name: COMBINING INVERTED BRIDGE BELOW<br/>           Unicode range: Combining Diacritical Marks<br/>           Hex value: 033A<br/>           TIPA code: \ [c<br/>           AFII code: 23FD</p>                            |   | <p>Name: LAMINAL<br/>           IPA name: Subscript square<br/>           IPA number: 410<br/>           Unicode name: COMBINING SQUARE BELOW<br/>           Unicode range: Combining Diacritical Marks<br/>           Hex value: 033B<br/>           TIPA code: \textsubsquare{c}<br/>           AFII code: 23FE</p>   |
|  | <p>Name: NASALIZED<br/>           IPA name: Superscript tilde<br/>           IPA number: 424<br/>           Unicode name: COMBINING TILDE<br/>           Unicode range: Combining Diacritical Marks<br/>           Hex value: 0303<br/>           TIPA code: \ ~v<br/>           AFII code: E222</p>   |  | <p>Name: NASAL RELEASE<br/>           IPA name: Superscript N<br/>           IPA number: 425<br/>           Unicode name: SUPERSCRIPT LATIN SMALL LETTER N<br/>           Unicode range: Superscripts and Subscripts<br/>           Hex value: 207F<br/>           TIPA code: c<sup>super</sup> n<br/>           AFII code: FDA8</p>                              |
|  | <p>Name: LATERAL RELEASE<br/>           IPA name: Superscript L<br/>           IPA number: 426<br/>           Unicode name: MODIFIER LETTER SMALL L<br/>           Unicode range: Spacing Modifier Letters<br/>           Hex value: 02E1<br/>           TIPA code: c<sup>super</sup> l<br/>           AFII code: FDA3</p>                           |  | <p>Name: NO AUDIBLE RELEASE<br/>           IPA name: Corner<br/>           IPA number: 427<br/>           Unicode name: COMBINING LEFT ANGLE ABOVE<br/>           Unicode range: Combining Diacritical Marks<br/>           Hex value: 031A<br/>           TIPA code: c<sup>text</sup>corner<br/>           AFII code: 23F9</p>                                   |

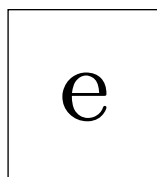
# VOWELS



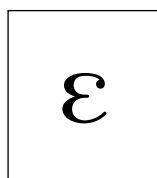
Name: CLOSE FRONT UNROUNDED VOWEL  
 IPA name: Lower-case I  
 IPA number: 301  
 Unicode name: LATIN SMALL LETTER I  
 Unicode range: Basic Latin  
 Hex value: 0069  
 TIPA code: i  
 AFII code: E251



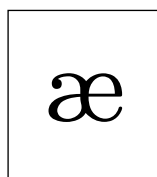
Name: NEAR-CLOSE NEAR-FRONT UNROUNDED VOWEL  
 IPA name: Small capital I  
 IPA number: 319  
 Unicode name: LATIN LETTER SMALL CAPITAL I  
 Unicode range: IPA Extensions  
 Hex value: 026A  
 TIPA code: I  
 AFII code: E254



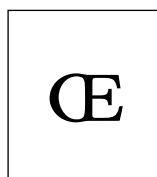
Name: CLOSE-MID FRONT UNROUNDED VOWEL  
 IPA name: Lower-case E  
 IPA number: 302  
 Unicode name: LATIN SMALL LETTER E  
 Unicode range: Basic Latin  
 Hex value: 0065  
 TIPA code: e  
 AFII code: E256



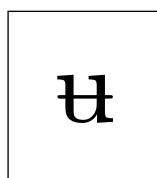
Name: OPEN-MID FRONT UNROUNDED VOWEL  
 IPA name: Epsilon  
 IPA number: 303  
 Unicode name: LATIN SMALL LETTER OPEN E  
 Unicode range: IPA Extensions  
 Hex value: 025B  
 TIPA code: E  
 AFII code: E258



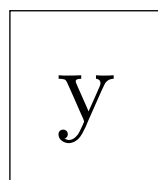
Name: NEAR-OPEN FRONT UNROUNDED VOWEL  
 IPA name: Ash; Lower-case A-E ligature  
 IPA number: 325  
 Unicode name: LATIN SMALL LETTER AE  
 Unicode range: Latin-1 Supplement  
 Hex value: 00E6  
 TIPA code: \ae  
 AFII code: E25A



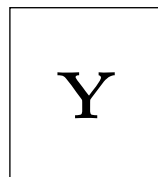
Name: OPEN FRONT ROUNDED VOWEL  
 IPA name: Small capital O-E ligature  
 IPA number: 312  
 Unicode name: LATIN LETTER SMALL CAPITAL OE  
 Unicode range: IPA Extensions  
 Hex value: 0276  
 TIPA code: \OE  
 AFII code: E25C



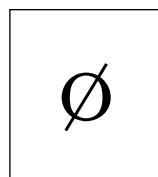
Name: CLOSE CENTRAL ROUNDED VOWEL  
 IPA name: Barred U  
 IPA number: 318  
 Unicode name: LATIN SMALL LETTER U BAR  
 Unicode range: IPA Extensions  
 Hex value: 0289  
 TIPA code: 0  
 AFII code: E25E



Name: CLOSE FRONT ROUNDED VOWEL  
 IPA name: Lower-case Y  
 IPA number: 309  
 Unicode name: LATIN SMALL LETTER Y  
 Unicode range: Basic Latin  
 Hex value: 0079  
 TIPA code: y  
 AFII code: E252



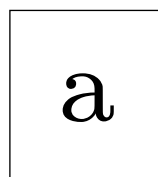
Name: NEAR-CLOSE NEAR-FRONT ROUNDED VOWEL  
 IPA name: Small capital Y  
 IPA number: 320  
 Unicode name: LATIN LETTER SMALL CAPITAL Y  
 Unicode range: IPA Extensions  
 Hex value: 028F  
 TIPA code: Y  
 AFII code: E255



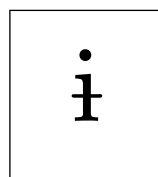
Name: CLOSE-MID FRONT ROUNDED VOWEL  
 IPA name: Slashed O  
 IPA number: 310  
 Unicode name: LATIN SMALL LETTER O W/ STROKE  
 Unicode range: Latin-1 Supplement  
 Hex value: 00F8  
 TIPA code: \o  
 AFII code: E257



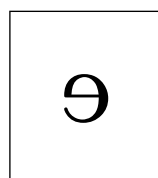
Name: OPEN-MID FRONT ROUNDED VOWEL  
 IPA name: Lower-case O-E ligature  
 IPA number: 311  
 Unicode name: LATIN SMALL LIGATURE OE  
 Unicode range: Latin Extended-A  
 Hex value: 0153  
 TIPA code: \oe  
 AFII code: E259



Name: OPEN FRONT UNROUNDED VOWEL  
 IPA name: Lower-case A  
 IPA number: 304  
 Unicode name: LATIN SMALL LETTER A  
 Unicode range: Basic Latin  
 Hex value: 0061  
 TIPA code: a  
 AFII code: E25B

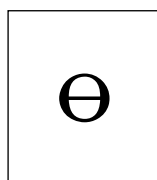


Name: CLOSE CENTRAL UNROUNDED VOWEL  
 IPA name: Barred I  
 IPA number: 317  
 Unicode name: LATIN SMALL LETTER I W/ STROKE  
 Unicode range: IPA Extensions  
 Hex value: 0268  
 TIPA code: 1  
 AFII code: E25D



Name: CLOSE-MID CENTRAL UNROUNDED VOWEL  
 IPA name: Reversed E  
 IPA number: 397  
 Unicode name: LATIN SMALL LETTER REVERSED E  
 Unicode range: IPA Extensions  
 Hex value: 0258  
 TIPA code: 9  
 AFII code: E26E

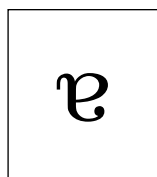
# VOWELS



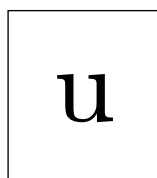
Name: CLOSE-MID CENTRAL ROUNDED VOWEL  
 IPA name: Barred O  
 IPA number: 323  
 Unicode name: LATIN SMALL LETTER BARRED O  
 Unicode range: IPA Extensions  
 Hex value: 0275  
 TIPA code: 8  
 AFII code: E261



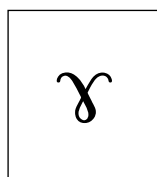
Name: OPEN-MID CENTRAL UNROUNDED VOWEL  
 IPA name: Reversed epsilon  
 IPA number: 326  
 Unicode name: LATIN SMALL LETTER REVERSED OPEN E  
 Unicode range: IPA Extensions  
 Hex value: 025C  
 TIPA code: 3  
 AFII code: E262



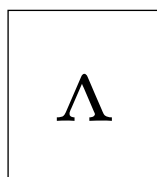
Name: NEAR-OPEN CENTRAL VOWEL  
 IPA name: Turned A  
 IPA number: 324  
 Unicode name: LATIN SMALL LETTER TURNED A  
 Unicode range: IPA Extensions  
 Hex value: 0250  
 TIPA code: 5  
 AFII code: E263



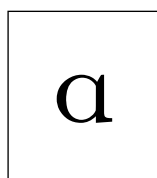
Name: CLOSE BACK ROUNDED VOWEL  
 IPA name: Lower-case U  
 IPA number: 308  
 Unicode name: LATIN SMALL LETTER U  
 Unicode range: Basic Latin  
 Hex value: 0075  
 TIPA code: u  
 AFII code: E265



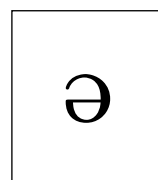
Name: CLOSE-MID BACK UNROUNDED VOWEL  
 IPA name: Ram's horns  
 IPA number: 315  
 Unicode name: LATIN SMALL LETTER RAMS HORN  
 Unicode range: IPA Extensions  
 Hex value: 0264  
 TIPA code: 7  
 AFII code: E268



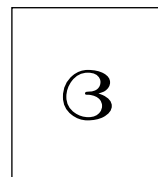
Name: OPEN-MID BACK UNROUNDED VOWEL  
 IPA name: Turned V  
 IPA number: 314  
 Unicode name: LATIN SMALL LETTER TURNED V  
 Unicode range: IPA Extensions  
 Hex value: 028C  
 TIPA code: 2  
 AFII code: E26A



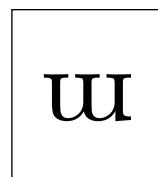
Name: OPEN BACK UNROUNDED VOWEL  
 IPA name: Script A  
 IPA number: 305  
 Unicode name: LATIN SMALL LETTER ALPHA  
 Unicode range: IPA Extensions  
 Hex value: 0251  
 TIPA code: A  
 AFII code: E26C



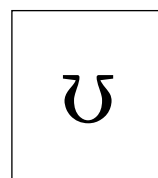
Name: MID CENTRAL VOWEL  
 IPA name: Schwa  
 IPA number: 322  
 Unicode name: LATIN SMALL LETTER SCHWA  
 Unicode range: IPA Extensions  
 Hex value: 0259  
 TIPA code: @  
 AFII code: E25F



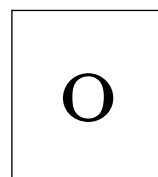
Name: OPEN-MID CENTRAL ROUNDED VOWEL  
 IPA name: Closed reversed epsilon  
 IPA number: 395  
 Unicode name: LATIN SMALL LETTER CLOSED REVERSED OPEN E  
 Unicode range: IPA Extensions  
 Hex value: 025E  
 TIPA code: \textclosepsilon  
 AFII code: E270



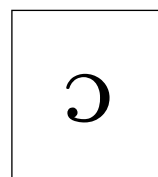
Name: CLOSE BACK UNROUNDED VOWEL  
 IPA name: Turned M  
 IPA number: 316  
 Unicode name: LATIN SMALL LETTER TURNED M  
 Unicode range: IPA Extensions  
 Hex value: 026F  
 TIPA code: W  
 AFII code: E264



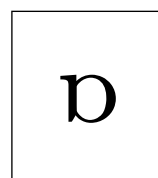
Name: NEAR-CLOSE NEAR-BACK ROUNDED VOWEL  
 IPA name: Upsilon  
 IPA number: 321  
 Unicode name: LATIN SMALL LETTER UPSILON  
 Unicode range: IPA Extensions  
 Hex value: 028A  
 TIPA code: U  
 AFII code: E267



Name: CLOSE-MID BACK ROUNDED VOWEL  
 IPA name: Lower-case O  
 IPA number: 307  
 Unicode name: LATIN SMALL LETTER O  
 Unicode range: Basic Latin  
 Hex value: 006F  
 TIPA code: o  
 AFII code: E269

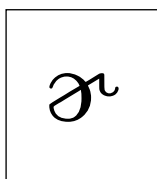


Name: OPEN-MID BACK ROUNDED VOWEL  
 IPA name: Open O  
 IPA number: 306  
 Unicode name: LATIN SMALL LETTER OPEN O  
 Unicode range: IPA Extensions  
 Hex value: 0254  
 TIPA code: O  
 AFII code: E26B



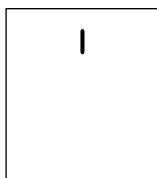
Name: OPEN BACK ROUNDED VOWEL  
 IPA name: Turned script A  
 IPA number: 313  
 Unicode name: LATIN SMALL LETTER TURNED ALPHA  
 Unicode range: IPA Extensions  
 Hex value: 0252  
 TIPA code: 6  
 AFII code: E26D

## VOWELS

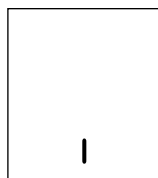


Name: R-COLOURED MID CENTRAL VOWEL  
 IPA name: Right-hook schwa  
 IPA number: 327  
 Unicode name: LATIN SMALL LETTER SCHWA W/ HOOK  
 Unicode range: IPA Extensions  
 Hex value: 025A  
 TIPA code: N/A  
 AFII code: E260

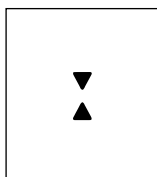
## SUPRASEGMENTALS



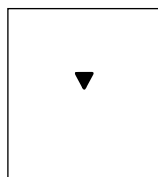
Name: PRIMARY STRESS  
 IPA name: Vertical stroke (superior)  
 IPA number: 501  
 Unicode name: MODIFIER LETTER VERTICAL LINE  
 Unicode range: Spacing Modifier Letters  
 Hex value: 02C8  
 TIPA code: "  
 AFII code: E23E



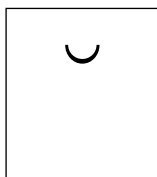
Name: SECONDARY STRESS  
 IPA name: Vertical stroke (inferior)  
 IPA number: 502  
 Unicode name: MODIFIER LETTER LOW VERTICAL LINE  
 Unicode range: Spacing Modifier Letters  
 Hex value: 02CC  
 TIPA code: ""  
 AFII code: E23F



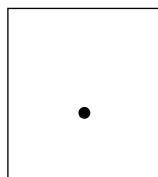
Name: LONG  
 IPA name: Length mark  
 IPA number: 503  
 Unicode name: MODIFIER LETTER TRIANGULAR COLON  
 Unicode range: Spacing Modifier Letters  
 Hex value: 02D0  
 TIPA code: v;  
 AFII code: E23A



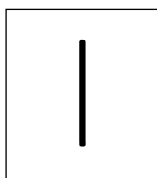
Name: HALF-LONG  
 IPA name: Half-length mark  
 IPA number: 504  
 Unicode name: MODIFIER LETTER HALF TRIANGULAR COLON  
 Unicode range: Spacing Modifier Letters  
 Hex value: 02D1  
 TIPA code: v;  
 AFII code: E23B



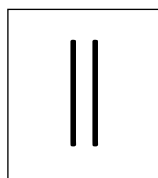
Name: EXTRA-SHORT  
 IPA name: Breve  
 IPA number: 505  
 Unicode name: COMBINING BREVE  
 Unicode range: Combining Diacritical Marks  
 Hex value: 0306  
 TIPA code: \u{v}  
 AFII code: E223



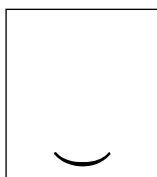
Name: SYLLABLE BREAK  
 IPA name: Period  
 IPA number: 506  
 Unicode name: FULL STOP  
 Unicode range: Basic Latin  
 Hex value: 002E  
 TIPA code: .  
 AFII code: 002E



Name: MINOR (FOOT) GROUP  
 IPA name: Vertical line (thick)  
 IPA number: 507  
 Unicode name: VERTICAL LINE  
 Unicode range: Basic Latin  
 Hex value: 007C  
 TIPA code: \textvertline  
 AFII code: 007C




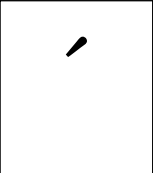
Name: MAJOR (INTONATION) GROUP  
 IPA name: Double vertical line (thick)  
 IPA number: 508  
 Unicode name: DOUBLE VERTICAL LINE  
 Unicode range: General Punctuation  
 Hex value: 2016  
 TIPA code: \textdoublevertline  
 AFII code: 2142

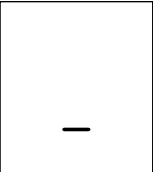


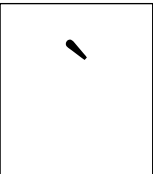
Name: LINKING (ABSENCE OF A BREAK)  
 IPA name: Bottom tie bar  
 IPA number: 509  
 Unicode name: UNDERTIE  
 Unicode range: General Punctuation  
 Hex value: 203F  
 TIPA code: \t\*{vv}  
 AFII code: 230F


## TONES AND WORD ACCENTS

 Name: EXTRA HIGH LEVEL TONE (ACCENT MARK)  
 IPA name: Double acute accent (over)  
 IPA number: 512  
 Unicode name: COMBINING DOUBLE ACUTE ACCENT  
 Unicode range: Combining Diacritical Marks  
 Hex value: 030B  
 TIPA code: \H{v}  
 AFII code: 00CD

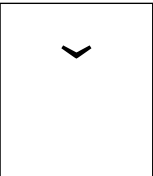
 Name: HIGH LEVEL TONE (ACCENT MARK)  
 IPA name: Acute accent (over)  
 IPA number: 513  
 Unicode name: COMBINING ACUTE ACCENT  
 Unicode range: Combining Diacritical Marks  
 Hex value: 0301  
 TIPA code: \v  
 AFII code: 00C2

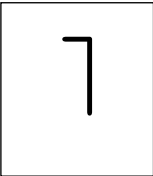
 Name: MID LEVEL TONE (ACCENT MARK)  
 IPA name: Macron  
 IPA number: 514  
 Unicode name: COMBINING MACRON  
 Unicode range: Combining Diacritical Marks  
 Hex value: 0304  
 TIPA code: \=v  
 AFII code: 00C5

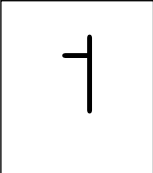
 Name: LOW LEVEL TONE (ACCENT MARK)  
 IPA name: Grave accent (over)  
 IPA number: 515  
 Unicode name: COMBINING GRAVE ACCENT  
 Unicode range: Combining Diacritical Marks  
 Hex value: 0300  
 TIPA code: \v  
 AFII code: 00C1

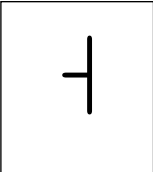
 Name: EXTRA LOW LEVEL TONE (ACCENT MARK)  
 IPA name: Double grave accent (over)  
 IPA number: 516  
 Unicode name: COMBINING DOUBLE GRAVE ACCENT  
 Unicode range: Combining Diacritical Marks  
 Hex value: 030F  
 TIPA code: \H\*v  
 AFII code: 23E2

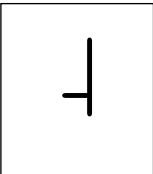
 Name: DOWNSTEP  
 IPA name: Down arrow  
 IPA number: 517  
 Unicode name: MODIFIER LETTER RAISED DOWN ARROW  
 Unicode range: Modifier Tone Letters  
 Hex value: A71C  
 TIPA code: \textdownstep  
 AFII code: EEAF

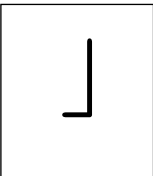
 Name: RISING CONTOUR TONE (ACCENT MARK)  
 IPA name: Wedge; háček  
 IPA number: 524  
 Unicode name: COMBINING CARON  
 Unicode range: Combining Diacritical Marks  
 Hex value: 030C  
 TIPA code: \v{v}  
 AFII code: 00CF


 Name: EXTRA HIGH LEVEL TONE (CHAO LETTER)  
 IPA name: Extra-high tone letter  
 IPA number: 519  
 Unicode name: MODIFIER LETTER EXTRA-HIGH TONE BAR  
 Unicode range: Spacing Modifier Letters  
 Hex value: 02E5  
 TIPA code: \tone{55}v  
 AFII code: E28D


 Name: HIGH LEVEL TONE (CHAO LETTER)  
 IPA name: High tone letter  
 IPA number: 520  
 Unicode name: MODIFIER LETTER HIGH TONE BAR  
 Unicode range: Spacing Modifier Letters  
 Hex value: 02E6  
 TIPA code: \tone{44}v  
 AFII code: E28E

 Name: MID LEVEL TONE (CHAO LETTER)  
 IPA name: Mid tone letter  
 IPA number: 521  
 Unicode name: MODIFIER LETTER MID TONE BAR  
 Unicode range: Spacing Modifier Letters  
 Hex value: 02E7  
 TIPA code: \tone{33}v  
 AFII code: E28F

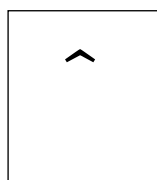
 Name: LOW LEVEL TONE (CHAO LETTER)  
 IPA name: Low tone letter  
 IPA number: 522  
 Unicode name: MODIFIER LETTER LOW TONE BAR  
 Unicode range: Spacing Modifier Letters  
 Hex value: 02E8  
 TIPA code: \tone{22}v  
 AFII code: E29F

 Name: EXTRA LOW LEVEL TONE (CHAO LETTER)  
 IPA name: Extra-low tone letter  
 IPA number: 523  
 Unicode name: MODIFIER LETTER EXTRA-LOW TONE BAR  
 Unicode range: Spacing Modifier Letters  
 Hex value: 02E9  
 TIPA code: \tone{11}v  
 AFII code: E29E

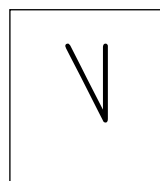
 Name: UPSTEP  
 IPA name: Up arrow  
 IPA number: 518  
 Unicode name: MODIFIER LETTER RAISED UP ARROW  
 Unicode range: Modifier Tone Letters  
 Hex value: A71B  
 TIPA code: \textupstep  
 AFII code: EEAD

 Name: RISING CONTOUR TONE (CHAO LETTER)  
 IPA name: Rising tone letter  
 IPA number: 529  
 Unicode name: N/A  
 Unicode range: Spacing Modifier Letters  
 Hex value: 02E9 + 02E5  
 TIPA code: \tone{15}v  
 AFII code: E299

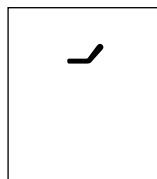
## TONES AND WORD ACCENTS



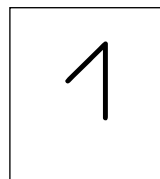
Name: FALLING CONTOUR TONE (ACCENT MARK)  
 IPA name: Circumflex  
 IPA number: 525  
 Unicode name: COMBINING CIRCUMFLEX ACCENT  
 Unicode range: Combining Diacritical Marks  
 Hex value: 0302  
 TIPA code: ˇv  
 AFII code: 00C3



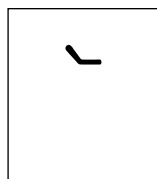
Name: FALLING CONTOUR TONE (CHAO LETTER)  
 IPA name: Falling tone letter  
 IPA number: 530  
 Unicode name: N/A  
 Unicode range: Spacing Modifier Letters  
 Hex value: 02E5 + 02E9  
 TIPA code: \tone{51}v  
 AFII code: E29A



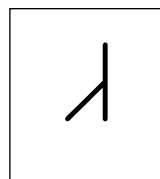
Name: HIGH RISING CONTOUR TONE (ACCENT MARK)  
 IPA name: Macron + acute accent  
 IPA number: 526  
 Unicode name: COMBINING MACRON-ACUTE  
 Unicode range: Combining Diacritical Marks Supplement  
 Hex value: 1DC4  
 TIPA code: N/A  
 AFII code: E296



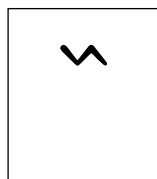
Name: HIGH RISING CONTOUR TONE (CHAO LETTER)  
 IPA name: High-rising tone letter  
 IPA number: 531  
 Unicode name: N/A  
 Unicode range: Spacing Modifier Letters  
 Hex value: 02E7 + 02E5  
 TIPA code: \tone{45}v  
 AFII code: E29B



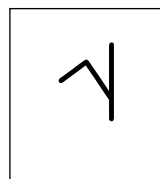
Name: LOW RISING CONTOUR TONE (ACCENT MARK)  
 IPA name: Grave accent + macron  
 IPA number: 527  
 Unicode name: COMBINING GRAVE-MACRON  
 Unicode range: Combining Diacritical Marks Supplement  
 Hex value: 1DC5  
 TIPA code: N/A  
 AFII code: E297



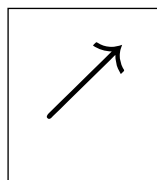
Name: LOW RISING CONTOUR TONE (CHAO LETTER)  
 IPA name: Low-rising tone letter  
 IPA number: 532  
 Unicode name: N/A  
 Unicode range: Spacing Modifier Letters  
 Hex value: 02E9 + 02E7  
 TIPA code: \tone{12}v  
 AFII code: E29C



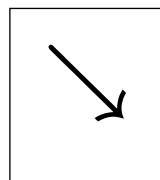
Name: RISING-FALLING CONTOUR TONE (ACCENT MARK)  
 IPA name: Grave + acute + grave accent  
 IPA number: 528  
 Unicode name: COMBINING GRAVE-ACUTE-GRAVE  
 Unicode range: Combining Diacritical Marks Supplement  
 Hex value: 1DC8  
 TIPA code: N/A  
 AFII code: E298



Name: RISING-FALLING CONTOUR TONE (CHAO LETTER)  
 IPA name: Rising-falling tone letter  
 IPA number: 533  
 Unicode name: N/A  
 Unicode range: Spacing Modifier Letters  
 Hex value: 02E7 + 02E6 + 02E8  
 TIPA code: \tone{454}v  
 AFII code: E29D

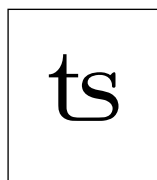


Name: GLOBAL RISE  
 IPA name: Upward diagonal arrow  
 IPA number: 510  
 Unicode name: NORTH EAST ARROW  
 Unicode range: Arrows  
 Hex value: 2197  
 TIPA code: \textglobrise  
 AFII code: EF3E

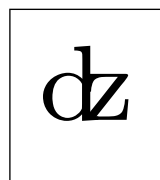


Name: GLOBAL FALL  
 IPA name: Downward diagonal arrow  
 IPA number: 511  
 Unicode name: SOUTH EAST ARROW  
 Unicode range: Arrows  
 Hex value: 2198  
 TIPA code: \textglobfall  
 AFII code: EF3D

## ADDITIONAL SYMBOLS




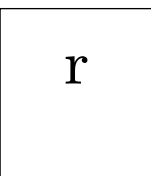
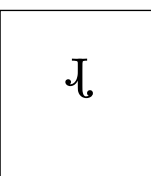
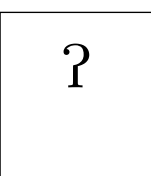
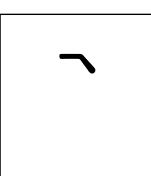


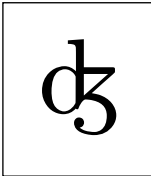

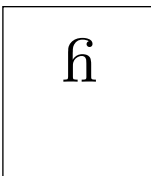
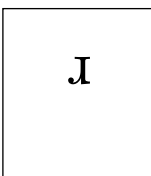
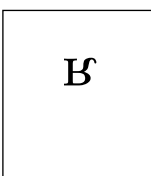
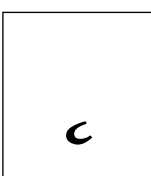
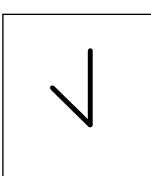
Name: VOICELESS DENTAL/ALVEOLAR AFFRICATE  
 IPA name: T-S ligature (superseded by 103 + 132)  
 IPA number: 211  
 Unicode name: LATIN SMALL LETTER TS DIGRAPH  
 Unicode range: IPA Extensions  
 Hex value: 02A6  
 TIPA code: N/A  
 AFII code: E2FC



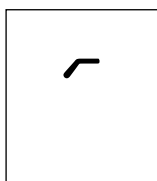
Name: VOICED ALVEOLAR AFFRICATE  
 IPA name: D-Z ligature (superseded by 104 + 133)  
 IPA number: 212  
 Unicode name: LATIN SMALL LETTER DZ DIGRAPH  
 Unicode range: IPA Extensions  
 Hex value: 02A3  
 TIPA code: N/A  
 AFII code: E2F9

## ADDITIONAL SYMBOLS

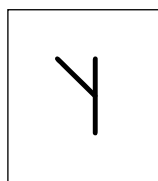
|  |  |
|--|--|
|    | <p>Name: VOICELESS POSTALVEOLAR AFFRICATE<br/>         IPA name: T-Esh ligature (superseded by 103 + 134)<br/>         IPA number: 213<br/>         Unicode name: LATIN SMALL LETTER TESH DIGRAPH<br/>         Unicode range: IPA Extensions<br/>         Hex value: 02A7<br/>         TIPA code: N/A<br/>         AFII code: E2FD</p>                   |
|    | <p>Name: VOICELESS ALVEOLO-PALATAL AFFRICATE<br/>         IPA name: T-Curly-tail-C ligature (superseded by 103 + 182)<br/>         IPA number: 215<br/>         Unicode name: LATIN SMALL LETTER TC DIGRAPH W/ CURL<br/>         Unicode range: IPA Extensions<br/>         Hex value: 02A8<br/>         TIPA code: N/A<br/>         AFII code: E2FE</p> |
|    | <p>Name: R-COLOURED OPEN-MID CENTRAL VOWEL<br/>         IPA name: N/A<br/>         IPA number: N/A<br/>         Unicode name: LATIN SMALL LETTER REVERSED OPEN E W/ HOOK<br/>         Unicode range: IPA Extensions<br/>         Hex value: 025D<br/>         TIPA code: N/A<br/>         AFII code: N/A</p>   |
|    | <p>Name: DIACRITIC ALVEOLAR TRILL<br/>         IPA name: N/A<br/>         IPA number: N/A<br/>         Unicode name: MODIFIER LETTER SMALL R<br/>         Unicode range: Spacing Modifier Letters<br/>         Hex value: 02B3<br/>         TIPA code: N/A<br/>         AFII code: N/A</p>   |
|   | <p>Name: DIACRITIC RETROFLEX APPROXIMANT<br/>         IPA name: N/A<br/>         IPA number: N/A<br/>         Unicode name: MODIFIER LETTER SMALL TURNED R W/ HOOK<br/>         Unicode range: Spacing Modifier Letters<br/>         Hex value: 02B5<br/>         TIPA code: N/A<br/>         AFII code: N/A</p>   |
|  | <p>Name: DIACRITIC GLOTTAL STOP<br/>         IPA name: N/A<br/>         IPA number: N/A<br/>         Unicode name: MODIFIER LETTER GLOTTAL STOP<br/>         Unicode range: Spacing Modifier Letters<br/>         Hex value: 02C0<br/>         TIPA code: N/A<br/>         AFII code: N/A</p>  |
|  | <p>Name: MID-LOW FALLING CONTOUR TONE (ACCENT MARK)<br/>         IPA name: N/A<br/>         IPA number: N/A<br/>         Unicode name: COMBINING MACRON-GRAVE<br/>         Unicode range: Combining Diacritical Marks Supplement<br/>         Hex value: 1DC6<br/>         TIPA code: N/A<br/>         AFII code: N/A</p>                                |

|   |   |
|---|---|
|    | <p>Name: VOICED POSTALVEOLAR AFFRICATE<br/>         IPA name: D-Ezh ligature (superseded by 104 + 135)<br/>         IPA number: 214<br/>         Unicode name: LATIN SMALL LETTER DEZH DIGRAPH<br/>         Unicode range: IPA Extensions<br/>         Hex value: 02A4<br/>         TIPA code: N/A<br/>         AFII code: E2FA</p>                   |
|    | <p>Name: VOICED ALVEOLO-PALATAL AFFRICATE<br/>         IPA name: D-Curly-tail-Z ligature (superseded by 104 + 183)<br/>         IPA number: 216<br/>         Unicode name: LATIN SMALL LETTER DZ DIGRAPH W/ CURL<br/>         Unicode range: IPA Extensions<br/>         Hex value: 02A5<br/>         TIPA code: N/A<br/>         AFII code: E2FB</p> |
|    | <p>Name: DIACRITIC VOICED GLOTTAL FRICATIVE<br/>         IPA name: N/A<br/>         IPA number: N/A<br/>         Unicode name: MODIFIER LETTER SMALL H W/ HOOK<br/>         Unicode range: Spacing Modifier Letters<br/>         Hex value: 02B1<br/>         TIPA code: N/A<br/>         AFII code: N/A</p>  |
|    | <p>Name: DIACRITIC ALVEOLAR APPROXIMANT<br/>         IPA name: N/A<br/>         IPA number: N/A<br/>         Unicode name: MODIFIER LETTER SMALL TURNED R<br/>         Unicode range: Spacing Modifier Letters<br/>         Hex value: 02B4<br/>         TIPA code: N/A<br/>         AFII code: N/A</p>   |
|   | <p>Name: DIACRITIC UVULAR APPROXIMANT<br/>         IPA name: Superscript inverted small capital R<br/>         IPA number: 676<br/>         Unicode name: MODIFIER LETTER SMALL CAPITAL INVERTED R<br/>         Unicode range: Spacing Modifier Letters<br/>         Hex value: 02B6<br/>         TIPA code: N/A<br/>         AFII code: N/A</p>      |
|  | <p>Name: DIACRITIC RETROFLEXION<br/>         IPA name: N/A<br/>         IPA number: N/A<br/>         Unicode name: COMBINING RETROFLEX HOOK BELOW<br/>         Unicode range: Combining Diacritical Marks<br/>         Hex value: 0322<br/>         TIPA code: N/A<br/>         AFII code: E228</p>   |
|  | <p>Name: MID-LOW FALLING CONTOUR TONE (CHAO LETTER)<br/>         IPA name: N/A<br/>         IPA number: N/A<br/>         Unicode name: N/A<br/>         Unicode range: Spacing Modifier Letters<br/>         Hex value: 02E7 + 02E9<br/>         TIPA code: N/A<br/>         AFII code: N/A</p>   |

## ADDITIONAL SYMBOLS



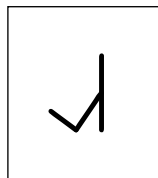
Name: HIGH-MID FALLING CONTOUR TONE (ACCENT MARK)  
IPA name: N/A  
IPA number: N/A  
Unicode name: COMBINING ACUTE-MACRON  
Unicode range: Combining Diacritical Marks Supplement  
Hex value: 1DC7  
TIPA code: N/A  
AFII code: N/A



Name: HIGH-MID FALLING CONTOUR TONE (CHAO LETTER)  
IPA name: N/A  
IPA number: N/A  
Unicode name: N/A  
Unicode range: Spacing Modifier Letters  
Hex value: 02E5 + 02E7  
TIPA code: N/A  
AFII code: N/A



Name: FALLING-RISING CONTOUR TONE (ACCENT MARK)  
IPA name: N/A  
IPA number: N/A  
Unicode name: COMBINING ACUTE-GRAVE-ACUTE  
Unicode range: Combining Diacritical Marks Supplement  
Hex value: 1DC9  
TIPA code: N/A  
AFII code: N/A



Name: FALLING-RISING CONTOUR TONE (CHAO LETTER)  
IPA name: N/A  
IPA number: N/A  
Unicode name: N/A  
Unicode range: Spacing Modifier Letters  
Hex value: 02E7 + 02E8 + 02E6  
TIPA code: N/A  
AFII code: N/A