

# THE INTERNATIONAL PHONETIC ALPHABET (revised to 2016)

CONSONANTS (PULMONIC)

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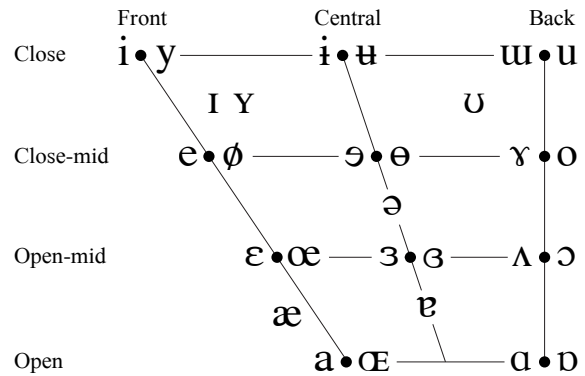
	Bilabial	Labiodental	Dental	Alveolar	Postalveolar	Retroflex	Palatal	Velar	Uvular	Pharyngeal	Glottal
Plosive	<b>p b</b>			<b>t d</b>		<b>ʈ ɖ</b>	<b>c ɟ</b>	<b>k ɡ</b>	<b>q ɢ</b>		<b>ʔ</b>
Nasal	<b>m</b>	<b>ɱ</b>		<b>n</b>		<b>ɳ</b>	<b>ɲ</b>	<b>ŋ</b>	<b>ɴ</b>		
Trill	<b>ʙ</b>			<b>r</b>					<b>ʀ</b>		
Tap or Flap		<b>ⱱ</b>		<b>ɾ</b>		<b>ɽ</b>					
Fricative	<b>ɸ β</b>	<b>f v</b>	<b>θ ð</b>	<b>s z</b>	<b>ʃ ʒ</b>	<b>ʂ ʐ</b>	<b>ç ʝ</b>	<b>x ɣ</b>	<b>χ ʁ</b>	<b>ħ ʕ</b>	<b>h ɦ</b>
Lateral fricative				<b>ɬ ɮ</b>							
Approximant		<b>ʋ</b>		<b>ɹ</b>		<b>ɻ</b>	<b>j</b>	<b>ɰ</b>			
Lateral approximant				<b>l</b>		<b>ɭ</b>	<b>ʎ</b>	<b>ʟ</b>			

Symbols to the right in a cell are voiced, to the left are voiceless. Shaded areas denote articulations judged impossible.

CONSONANTS (NON-PULMONIC)

Clicks	Voiced implosives	Ejectives
<b>Ʉ</b> Bilabial	<b>ɓ</b> Bilabial	' Examples:
<b>ɠ</b> Dental	<b>ɗ</b> Dental/alveolar	<b>p'</b> Bilabial
<b>ǀ</b> (Post)alveolar	<b>ɟ</b> Palatal	<b>t'</b> Dental/alveolar
<b>ǃ</b> Palatoalveolar	<b>ɡ</b> Velar	<b>k'</b> Velar
<b>ǂ</b> Alveolar lateral	<b>ɠ</b> Uvular	<b>s'</b> Alveolar fricative

VOWELS



Where symbols appear in pairs, the one to the right represents a rounded vowel.

OTHER SYMBOLS

- ɸ** Voiceless labial-velar fricative      **ç ʝ** Alveolo-palatal fricatives
  - ʋ** Voiced labial-velar approximant      **ɻ** Voiced alveolar lateral flap
  - ɰ** Voiced labial-palatal approximant      **ɥ** Simultaneous **ʃ** and **x**
  - ħ** Voiceless epiglottal fricative
  - ʕ** Voiced epiglottal fricative
  - ʡ** Epiglottal plosive
- Affricates and double articulations can be represented by two symbols joined by a tie bar if necessary.

**ts̺**   **kp̺**

SUPRASEGMENTALS

- ˈ** Primary stress      **ˌ** Secondary stress
- ː** Long      **ˑ** Half-long
- ˚** Extra-short
- ̥** Minor (foot) group
- ̨** Major (intonation) group
- Syllable break      **ˌi.ækt**
- ̤** Linking (absence of a break)

DIACRITICS Some diacritics may be placed above a symbol with a descender, e.g. **ɲ̥̊**

<b>◌̥</b> Voiceless	<b>◌̊</b> Breathy voiced	<b>◌̚</b> Dental
<b>◌̦</b> Voiced	<b>◌̜</b> Creaky voiced	<b>◌̠</b> Apical
<b>◌̨</b> Aspirated	<b>◌̙</b> Linguolabial	<b>◌̡</b> Laminal
<b>◌̙</b> More rounded	<b>◌̘</b> Labialized	<b>◌̃</b> Nasalized
<b>◌̘</b> Less rounded	<b>◌̙</b> Palatalized	<b>◌̣</b> Nasal release
<b>◌̙</b> Advanced	<b>◌̘</b> Velarized	<b>◌̤</b> Lateral release
<b>◌̘</b> Retracted	<b>◌̙</b> Pharyngealized	<b>◌̥</b> No audible release
<b>◌̙̥</b> Centralized	<b>◌̙̜</b> Velarized or pharyngealized	
<b>◌̙̥̥̥</b> Mid-centralized	<b>◌̙̥̥̥</b> Raised	
<b>◌̙̥̥̥̥</b> Syllabic	<b>◌̙̥̥̥̥</b> Lowered	
<b>◌̙̥̥̥̥̥</b> Non-syllabic	<b>◌̙̥̥̥̥̥</b> Advanced Tongue Root	
<b>◌̙̥̥̥̥̥̥</b> Rhoticity	<b>◌̙̥̥̥̥̥̥</b> Retracted Tongue Root	

TONES AND WORD ACCENTS

- | LEVEL                           | CONTOUR                           |
|---------------------------------|-----------------------------------|
| <b>ē</b> or <b>ᵇ</b> Extra high | <b>ě</b> or <b>ᶃ</b> Rising       |
| <b>é</b> <b>ᶃ</b> High          | <b>ê</b> <b>ᶄ</b> Falling         |
| <b>ē</b> <b>ᶃ</b> Mid           | <b>ē</b> <b>ᶃ</b> High rising     |
| <b>è</b> <b>ᶃ</b> Low           | <b>è</b> <b>ᶃ</b> Low rising      |
| <b>è̇</b> <b>ᶃ</b> Extra low    | <b>è̇</b> <b>ᶃ</b> Rising-falling |
| <b>↓</b> Downstep               | <b>↗</b> Global rise              |
| <b>↑</b> Upstep                 | <b>↘</b> Global fall              |

# THE IPA NUMBER CHART (revised to 2016)

## CONSONANTS (PULMONIC)

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	Bilabial	Labiodental	Dental	Alveolar	Postalveolar	Retroflex	Palatal	Velar	Uvular	Pharyngeal	Glottal
Plosive	101 102		103 104			105 106	107 108	109 110	111 112		113
Nasal	114	115	116			117	118	119	120		
Trill	121		122						123		
Tap or Flap		184	124			125					
Fricative	126 127	128 129	130 131	132 133	134 135	136 137	138 139	140 141	142 143	144 145	146 147
Lateral fricative			148 149								
Approximant		150	151			152	153	154			
Lateral approximant			155			156	157	158			

Symbols to the right in a cell are voiced, to the left are voiceless. Shaded areas denote articulations judged impossible.

## CONSONANTS (NON-PULMONIC)

Clicks	Voiced implosives	Ejectives
176 Bilabial	160 Bilabial	401 Examples:
177 Dental	162 Dental/alveolar	+ <sup>101</sup> <sub>401</sub> Bilabial
178 (Post)alveolar	164 Palatal	+ <sup>103</sup> <sub>401</sub> Dental/alveolar
179 Palatoalveolar	166 Velar	+ <sup>109</sup> <sub>401</sub> Velar
180 Alveolar lateral	168 Uvular	+ <sup>132</sup> <sub>401</sub> Alveolar fricative

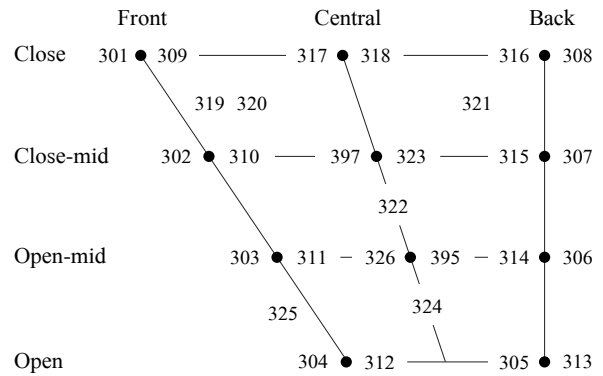
## OTHER SYMBOLS

- 169 Voiceless labial-velar fricative      182 183 Alveolo-palatal fricatives
- 170 Voiced labial-velar approximant      181 Voiced alveolar lateral flap
- 171 Voiced labial-palatal approximant    175 Simultaneous 134 and 140
- 172 Voiceless epiglottal fricative
- 174 Voiced epiglottal fricative      Affricates and double articulations can be represented by two symbols joined by a tie bar if necessary. (509) 433
- 173 Epiglottal plosive

DIACRITICS Some diacritics may be placed above a symbol with a descender, e.g. 119+402B

402A Voiceless	$\underset{\circ}{n}$ $\underset{\circ}{d}$	405 Breathy voiced	$\underset{h}{b}$ $\underset{h}{a}$	408 Dental	$\underset{d}{t}$ $\underset{d}{d}$
403 Voiced	$\underset{v}{s}$ $\underset{v}{t}$	406 Creaky voiced	$\underset{c}{b}$ $\underset{c}{a}$	409 Apical	$\underset{a}{t}$ $\underset{a}{d}$
404 Aspirated	$\underset{h}{t}$ $\underset{h}{d}$	407 Linguolabial	$\underset{l}{t}$ $\underset{l}{d}$	410 Laminal	$\underset{l}{t}$ $\underset{l}{d}$
411 More rounded	$\underset{r}{o}$	420 Labialized	$\underset{w}{t}$ $\underset{w}{d}$	424 Nasalized	$\underset{\sim}{e}$
412 Less rounded	$\underset{ɹ}{o}$	421 Palatalized	$\underset{j}{t}$ $\underset{j}{d}$	425 Nasal release	$\underset{n}{d}$
413 Advanced	$\underset{+}{u}$	422 Velarized	$\underset{v}{t}$ $\underset{v}{d}$	426 Lateral release	$\underset{l}{d}$
414 Retracted	$\underset{-}{e}$	423 Pharyngealized	$\underset{ɣ}{t}$ $\underset{ɣ}{d}$	427 No audible release	$\underset{̚}{d}$
415 Centralized	$\underset{\sim}{e}$	428 Velarized or pharyngealized	209		
416 Mid-centralized	$\underset{\sim}{e}$	429 Raised	$\underset{̥}{e}$ ( $\underset{̥}{ɹ}$ = voiced alveolar fricative)		
431 Syllabic	$\underset{̩}{n}$	430 Lowered	$\underset{̩}{e}$ ( $\underset{̩}{β}$ = voiced bilabial approximant)		
432 Non-syllabic	$\underset{̯}{e}$	417 Advanced Tongue Root	$\underset{̠}{e}$		
419 Rhoticity	327 $\underset{̠}{a}$	418 Retracted Tongue Root	$\underset{̡}{e}$		

## VOWELS



Where symbols appear in pairs, the one to the right represents a rounded vowel.

## SUPRASEGMENTALS

- 501 Primary stress       $\underset{ˈ}{foun}əˈtʃən$
- 502 Secondary stress       $\underset{ˌ}{foun}əˈtʃən$
- 503 Long       $eː$
- 504 Half-long       $eˑ$
- 505 Extra-short       $e̥$
- 507 Minor (foot) group
- 508 Major (intonation) group
- 506 Syllable break       $\cdot$   $i.ækt$
- 509 Linking (absence of a break)

## TONES AND WORD ACCENTS

LEVEL	CONTOUR
512 or 519 Extra high	524 or 529 Rising
513 520 High	525 530 Falling
514 521 Mid	526 531 High rising
515 522 Low	527 532 Low rising
516 523 Extra low	528 533 Rising-falling
517 Downstep	510 Global rise
518 Upstep	511 Global fall

## 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

**ʈ** 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: \ːt  
 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

**ɖ** 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: \ːd  
 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: g  
 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)

**m**  
 Name: VOICED LABIODENTAL NASAL  
 IPA name: Left-tail M (at right)  
 IPA number: 115  
 Unicode name: LATIN SMALL LETTER M W/ HOOK  
 Unicode range: IPA Extensions  
 Hex value: 0271  
 TIPA code: M  
 AFII code: E2AB

**n̥**  
 Name: VOICED RETROFLEX NASAL  
 IPA name: Right-tail N  
 IPA number: 117  
 Unicode name: LATIN SMALL LETTER N W/ RETROFLEX HOOK  
 Unicode range: IPA Extensions  
 Hex value: 0273  
 TIPA code: \n̥  
 AFII code: E2C6

**ɲ**  
 Name: VOICED VELAR NASAL  
 IPA name: Eng  
 IPA number: 119  
 Unicode name: LATIN SMALL LETTER ENG  
 Unicode range: Latin Extended-A  
 Hex value: 014B  
 TIPA code: N  
 AFII code: E2DD

**B**  
 Name: VOICED BILABIAL TRILL  
 IPA name: Small capital B  
 IPA number: 121  
 Unicode name: LATIN LETTER SMALL CAPITAL B  
 Unicode range: IPA Extensions  
 Hex value: 0299  
 TIPA code: \;B  
 AFII code: E2F0

**R**  
 Name: VOICED UVULAR TRILL  
 IPA name: Small capital R  
 IPA number: 123  
 Unicode name: LATIN LETTER SMALL CAPITAL R  
 Unicode range: IPA Extensions  
 Hex value: 0280  
 TIPA code: \;R  
 AFII code: E2EA

**ɾ**  
 Name: VOICED DENTAL/ALVEOLAR TAP  
 IPA name: Fish-hook R  
 IPA number: 124  
 Unicode name: LATIN SMALL LETTER R W/ FISHHOOK  
 Unicode range: IPA Extensions  
 Hex value: 027E  
 TIPA code: R  
 AFII code: E2C1

**Φ**  
 Name: VOICELESS BILABIAL FRICATIVE  
 IPA name: Phi  
 IPA number: 126  
 Unicode name: LATIN SMALL LETTER PHI  
 Unicode range: IPA Extensions  
 Hex value: 0278  
 TIPA code: F  
 AFII code: E2A4

**n**  
 Name: VOICED DENTAL/ALVEOLAR NASAL  
 IPA name: Lower-case N  
 IPA number: 116  
 Unicode name: LATIN SMALL LETTER N  
 Unicode range: Basic Latin  
 Hex value: 006E  
 TIPA code: n  
 AFII code: E2AF

**ɲ̥**  
 Name: VOICED PALATAL NASAL  
 IPA name: Left-tail N (at left)  
 IPA number: 118  
 Unicode name: LATIN SMALL LETTER N W/ LEFT HOOK  
 Unicode range: IPA Extensions  
 Hex value: 0272  
 TIPA code: \textltailn  
 AFII code: E2D7

**N**  
 Name: VOICED UVULAR NASAL  
 IPA name: Small capital N  
 IPA number: 120  
 Unicode name: LATIN LETTER SMALL CAPITAL N  
 Unicode range: IPA Extensions  
 Hex value: 0274  
 TIPA code: \;N  
 AFII code: E2E4

**r**  
 Name: VOICED DENTAL/ALVEOLAR TRILL  
 IPA name: Lower-case R  
 IPA number: 122  
 Unicode name: LATIN SMALL LETTER R  
 Unicode range: Basic Latin  
 Hex value: 0072  
 TIPA code: r  
 AFII code: E2C0

**ɹ̥**  
 Name: VOICED LABIODENTAL FLAP  
 IPA name: Right-hook V  
 IPA number: 184  
 Unicode name: LATIN SMALL LETTER V W/ RIGHT HOOK  
 Unicode range: Latin Extended-C  
 Hex value: 2C71  
 TIPA code: N/A  
 AFII code: N/A

**ɽ**  
 Name: VOICED RETROFLEX FLAP  
 IPA name: Right-tail R  
 IPA number: 125  
 Unicode name: LATIN SMALL LETTER R W/ TAIL  
 Unicode range: IPA Extensions  
 Hex value: 027D  
 TIPA code: \r  
 AFII code: E2CD

**β**  
 Name: VOICED BILABIAL FRICATIVE  
 IPA name: Beta  
 IPA number: 127  
 Unicode name: GREEK SMALL LETTER BETA  
 Unicode range: Greek and Coptic  
 Hex value: 03B2  
 TIPA code: B  
 AFII code: E2A5

## CONSONANTS (PULMONIC)

**f** Name: VOICELESS LABIODENTAL FRICATIVE  
 IPA name: Lower-case F  
 IPA number: 128  
 Unicode name: LATIN SMALL LETTER F  
 Unicode range: Basic Latin  
 Hex value: 0066  
 TIPA code: f  
 AFII code: E2AC

**θ** Name: VOICELESS DENTAL FRICATIVE  
 IPA name: Theta  
 IPA number: 130  
 Unicode name: GREEK SMALL LETTER THETA  
 Unicode range: Greek and Coptic  
 Hex value: 03B8  
 TIPA code: T  
 AFII code: E2B2

**s** Name: VOICELESS ALVEOLAR FRICATIVE  
 IPA name: Lower-case S  
 IPA number: 132  
 Unicode name: LATIN SMALL LETTER S  
 Unicode range: Basic Latin  
 Hex value: 0073  
 TIPA code: s  
 AFII code: E2B6

**ʃ** Name: VOICELESS POSTALVEOLAR FRICATIVE  
 IPA name: Esh  
 IPA number: 134  
 Unicode name: LATIN SMALL LETTER ESH  
 Unicode range: IPA Extensions  
 Hex value: 0283  
 TIPA code: S  
 AFII code: E2D0

**ʒ** Name: VOICELESS RETROFLEX FRICATIVE  
 IPA name: Right-tail S (at left)  
 IPA number: 136  
 Unicode name: LATIN SMALL LETTER S W/ HOOK  
 Unicode range: IPA Extensions  
 Hex value: 0282  
 TIPA code: \s  
 AFII code: E2C9

**ç** Name: VOICELESS PALATAL FRICATIVE  
 IPA name: C cedilla  
 IPA number: 138  
 Unicode name: LATIN SMALL LETTER C W/ CEDILLA  
 Unicode range: Latin-1 Supplement  
 Hex value: 00E7  
 TIPA code: \c{c}  
 AFII code: E2DA

**x** Name: VOICELESS VELAR FRICATIVE  
 IPA name: Lower-case X  
 IPA number: 140  
 Unicode name: LATIN SMALL LETTER X  
 Unicode range: Basic Latin  
 Hex value: 0078  
 TIPA code: x  
 AFII code: E2E0

**v** Name: VOICED LABIODENTAL FRICATIVE  
 IPA name: Lower-case V  
 IPA number: 129  
 Unicode name: LATIN SMALL LETTER V  
 Unicode range: Basic Latin  
 Hex value: 0076  
 TIPA code: v  
 AFII code: E2AD

**ð** Name: VOICED DENTAL FRICATIVE  
 IPA name: Eth  
 IPA number: 131  
 Unicode name: LATIN SMALL LETTER ETH  
 Unicode range: Latin-1 Supplement  
 Hex value: 00F0  
 TIPA code: D  
 AFII code: E2B3

**z** Name: VOICED ALVEOLAR FRICATIVE  
 IPA name: Lower-case Z  
 IPA number: 133  
 Unicode name: LATIN SMALL LETTER Z  
 Unicode range: Basic Latin  
 Hex value: 007A  
 TIPA code: z  
 AFII code: E2B7

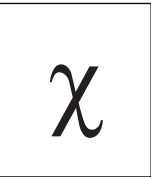













**ʒ** Name: VOICED POSTALVEOLAR FRICATIVE  
 IPA name: Ezh; Tailed Z  
 IPA number: 135  
 Unicode name: LATIN SMALL LETTER EZH  
 Unicode range: IPA Extensions  
 Hex value: 0292  
 TIPA code: Z  
 AFII code: E2D1

**ʒ** Name: VOICED RETROFLEX FRICATIVE  
 IPA name: Right-tail Z  
 IPA number: 137  
 Unicode name: LATIN SMALL LETTER Z W/ RETROFLEX HOOK  
 Unicode range: IPA Extensions  
 Hex value: 0290  
 TIPA code: \z  
 AFII code: E2CA

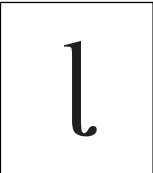
**j** Name: VOICED PALATAL FRICATIVE  
 IPA name: Curly-tail J  
 IPA number: 139  
 Unicode name: LATIN SMALL LETTER J W/ CROSSED-TAIL  
 Unicode range: IPA Extensions  
 Hex value: 029D  
 TIPA code: J  
 AFII code: E2F3

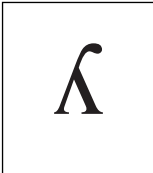
**ɣ** Name: VOICED VELAR FRICATIVE  
 IPA name: Gamma  
 IPA number: 141  
 Unicode name: LATIN SMALL LETTER GAMMA  
 Unicode range: IPA Extensions  
 Hex value: 0263  
 TIPA code: G  
 AFII code: E2E1

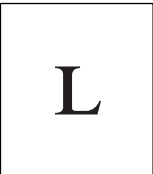
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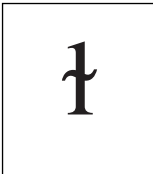
	<p>Name: VOICELESS UVULAR FRICATIVE            IPA name: Chi            IPA number: 142            Unicode name: GREEK SMALL LETTER CHI            Unicode range: Greek and Coptic            Hex value: 03C7            TIPA code: X            AFII code: E2E8</p>		<p>Name: VOICED UVULAR FRICATIVE      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

## CONSONANTS (PULMONIC)

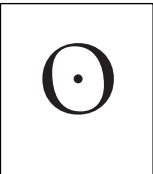

 Name: VOICED RETROFLEX LATERAL APPROXIMANT  
 IPA name: Right-tail L  
 IPA number: 156  
 Unicode name: LATIN SMALL LETTER L W/ RETROFLEX HOOK  
 Unicode range: IPA Extensions  
 Hex value: 026D  
 TIPA code: \l  
 AFII code: E2CC

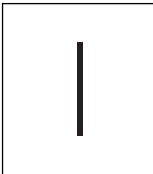

 Name: VOICED PALATAL LATERAL APPROXIMANT  
 IPA name: Turned Y  
 IPA number: 157  
 Unicode name: LATIN SMALL LETTER TURNED Y  
 Unicode range: IPA Extensions  
 Hex value: 028E  
 TIPA code: L  
 AFII code: E2DC



 Name: 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

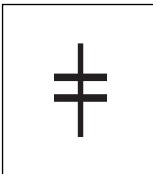

 Name: VELARIZED VOICED DENTAL/ALVEOLAR LATERAL APPROXIMANT  
 IPA name: L with tilde  
 IPA number: 209  
 Unicode name: LATIN SMALL LETTER L W/ MIDDLE TILDE  
 Unicode range: IPA Extensions  
 Hex value: 026B  
 TIPA code: N/A  
 AFII code: E27D


## 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: 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

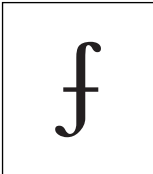

 Name: (POST)ALVEOLAR CLICK  
 IPA name: Exclamation point  
 IPA number: 178  
 Unicode name: LATIN LETTER RETROFLEX CLICK  
 Unicode range: Latin Extended-B  
 Hex value: 01C3  
 TIPA code: !  
 AFII code: 23A5


 Name: 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: 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 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 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: 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)

**ɠ** 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

**ʼ** 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

**tʼ** 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

**sʼ** 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

**ɠ̥** 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

**pʼ** 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

**kʼ** 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

## OTHER SYMBOLS

**ɱ** 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


**ɥ** 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

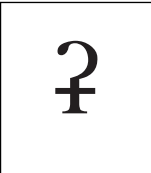
**ɰ** Name: VOICED LABIAL-VELAR APPROXIMANT  
 IPA name: Lower-case W  
 IPA number: 170  
 Unicode name: LATIN SMALL LETTER W  
 Unicode range: Basic Latin  
 Hex value: 0077  
 TIPA code: w  
 AFII code: E2A8


**ɦ** 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




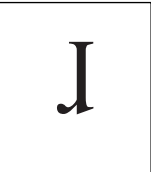
## OTHER SYMBOLS


	<p>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</p>
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	<p>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</p>
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	<p>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</p>
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	<p>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</p>
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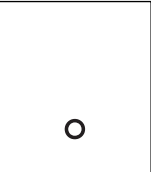
	<p>Name: VOICED ALVEOLAR LATERAL FLAP          IPA name: Turned long-leg R          IPA number: 181          Unicode name: LATIN SMALL LETTER TURNED R W/ LONG LEG          Unicode range: IPA Extensions          Hex value: 027A          TIPA code: \textturnlonglegr          AFII code: E2BF</p>
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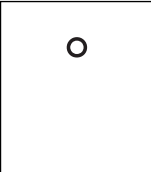
	<p>Name: VOICELESS POSTALVEOLAR-VELAR FRICATIVE          IPA name: Hooktop heng          IPA number: 175          Unicode name: LATIN SMALL LETTER HENG W/ HOOK          Unicode range: IPA Extensions          Hex value: 0267          TIPA code: \texththeng          AFII code: E2D6</p>
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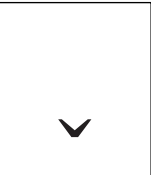
	<p>Name: TIE BAR (BELOW)          IPA name: Bottom tie bar          IPA number: (509)          Unicode name: COMBINING DOUBLE BREVE BELOW          Unicode range: Combining Diacritical Marks          Hex value: 035C          TIPA code: N/A          AFII code: 230F</p>
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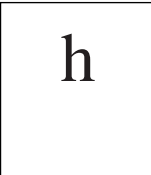
	<p>Name: TIE BAR (ABOVE)          IPA name: Top tie bar          IPA number: 433          Unicode name: COMBINING DOUBLE INVERTED BREVE          Unicode range: Combining Diacritical Marks          Hex value: 0361          TIPA code: \t{cc}          AFII code: E225</p>
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## DIACRITICS

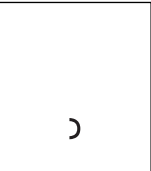
	<p>Name: VOICELESS          IPA name: Under-ring          IPA number: 402A          Unicode name: COMBINING RING BELOW          Unicode range: Combining Diacritical Marks          Hex value: 0325          TIPA code: \r*c          AFII code: E229</p>
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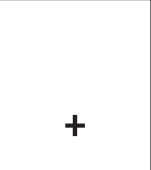
	<p>Name: VOICELESS (ABOVE)          IPA name: Over-ring          IPA number: 402B          Unicode name: COMBINING RING ABOVE          Unicode range: Combining Diacritical Marks          Hex value: 030A          TIPA code: N/A          AFII code: 00CA</p>
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	<p>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</p>
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	<p>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: e/super h          AFII code: D565</p>
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## DIACRITICS



 Name: MORE ROUNDED  
 IPA name: Subscript right half-ring  
 IPA number: 411  
 Unicode name: COMBINING RIGHT HALF RING BELOW  
 Unicode range: Combining Diacritical Marks  
 Hex value: 0339  
 TIPA code: \}v  
 AFII code: E23C



 Name: ADVANCED  
 IPA name: Subscript plus  
 IPA number: 413  
 Unicode name: COMBINING PLUS SIGN BELOW  
 Unicode range: Combining Diacritical Marks  
 Hex value: 031F  
 TIPA code: \}+v  
 AFII code: E233

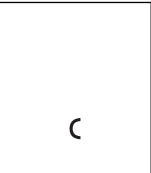

 Name: CENTRALIZED  
 IPA name: Umlaut  
 IPA number: 415  
 Unicode name: COMBINING DIAERESIS  
 Unicode range: Combining Diacritical Marks  
 Hex value: 0308  
 TIPA code: \}v  
 AFII code: E221

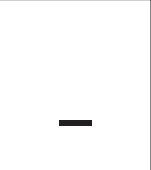

 Name: SYLLABIC  
 IPA name: Syllabicity mark  
 IPA number: 431  
 Unicode name: COMBINING VERTICAL LINE BELOW  
 Unicode range: Combining Diacritical Marks  
 Hex value: 0329  
 TIPA code: \s{c}  
 AFII code: E22E

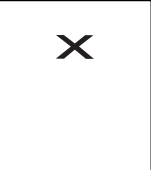

 Name: RHOTICITY  
 IPA name: Right hook  
 IPA number: 419  
 Unicode name: MODIFIER LETTER RHOTIC HOOK  
 Unicode range: Spacing Modifier Letters  
 Hex value: 02DE  
 TIPA code: v\text{rhoticity}  
 AFII code: E28A

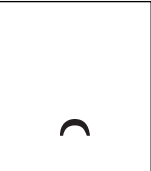

 Name: CREAKY VOICED  
 IPA name: Subscript tilde  
 IPA number: 406  
 Unicode name: COMBINING TILDE BELOW  
 Unicode range: Combining Diacritical Marks  
 Hex value: 0330  
 TIPA code: \~\*c  
 AFII code: 23D8

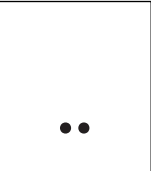

 Name: LABIALIZED  
 IPA name: Superscript W  
 IPA number: 420  
 Unicode name: MODIFIER LETTER SMALL W  
 Unicode range: Spacing Modifier Letters  
 Hex value: 02B7  
 TIPA code: c\super w  
 AFII code: D56E



 Name: LESS ROUNDED  
 IPA name: Subscript left half-ring  
 IPA number: 412  
 Unicode name: COMBINING LEFT HALF RING BELOW  
 Unicode range: Combining Diacritical Marks  
 Hex value: 031C  
 TIPA code: \{(v  
 AFII code: E232



 Name: RETRACTED  
 IPA name: Under-bar  
 IPA number: 414  
 Unicode name: COMBINING MINUS SIGN BELOW  
 Unicode range: Combining Diacritical Marks  
 Hex value: 0320  
 TIPA code: \=\*v  
 AFII code: E234


 Name: MID-CENTRALIZED  
 IPA name: Over-cross  
 IPA number: 416  
 Unicode name: COMBINING X ABOVE  
 Unicode range: Combining Diacritical Marks  
 Hex value: 033D  
 TIPA code: \x{v}  
 AFII code: 2311

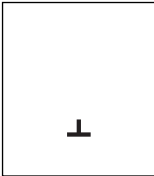
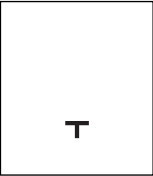
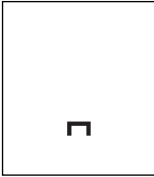
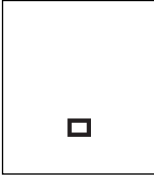
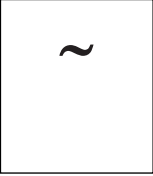
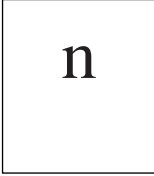
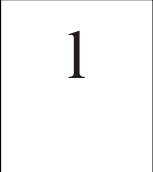

 Name: NON-SYLLABIC  
 IPA name: Subscript arch  
 IPA number: 432  
 Unicode name: COMBINING INVERTED BREVE BELOW  
 Unicode range: Combining Diacritical Marks  
 Hex value: 032F  
 TIPA code: \text{subarch}{v}  
 AFII code: 23FA


 Name: BREATHY VOICED  
 IPA name: Subscript umlaut  
 IPA number: 405  
 Unicode name: COMBINING DIAERESIS BELOW  
 Unicode range: Combining Diacritical Marks  
 Hex value: 0324  
 TIPA code: \}\*c  
 AFII code: E22B

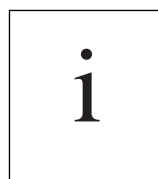

 Name: LINGUOLABIAL  
 IPA name: Subscript seagull  
 IPA number: 407  
 Unicode name: COMBINING SEAGULL BELOW  
 Unicode range: Combining Diacritical Marks  
 Hex value: 033C  
 TIPA code: \m{c}  
 AFII code: 22E8


 Name: PALATALIZED  
 IPA name: Superscript J  
 IPA number: 421  
 Unicode name: MODIFIER LETTER SMALL J  
 Unicode range: Spacing Modifier Letters  
 Hex value: 02B2  
 TIPA code: c\super j  
 AFII code: D567

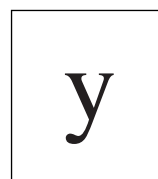
## DIACRITICS

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

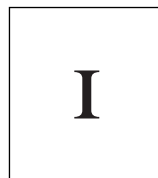
# VOWELS



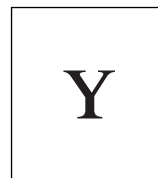
Name: CLOSE FRONT UNROUNDED VOWEL  
 IPA name: Lower-case I  
 IPA number: 301  
 Unicode name: LATIN SMALL LETTER I  
 Unicode range: Basic Latin  
 Hex value: 0069  
 TIPA code: i  
 AFII code: E251



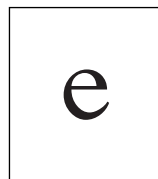
Name: CLOSE FRONT ROUNDED VOWEL  
 IPA name: Lower-case Y  
 IPA number: 309  
 Unicode name: LATIN SMALL LETTER Y  
 Unicode range: Basic Latin  
 Hex value: 0079  
 TIPA code: y  
 AFII code: E252



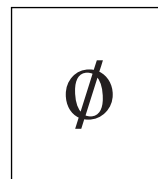
Name: NEAR-CLOSE NEAR-FRONT UNROUNDED VOWEL  
 IPA name: Small capital I  
 IPA number: 319  
 Unicode name: LATIN LETTER SMALL CAPITAL I  
 Unicode range: IPA Extensions  
 Hex value: 026A  
 TIPA code: I  
 AFII code: E254



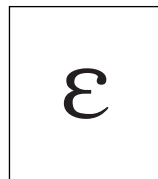
Name: NEAR-CLOSE NEAR-FRONT ROUNDED VOWEL  
 IPA name: Small capital Y  
 IPA number: 320  
 Unicode name: LATIN LETTER SMALL CAPITAL Y  
 Unicode range: IPA Extensions  
 Hex value: 028F  
 TIPA code: Y  
 AFII code: E255



Name: CLOSE-MID FRONT 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: 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



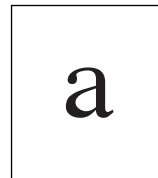
Name: OPEN-MID FRONT UNROUNDED VOWEL  
 IPA name: Epsilon  
 IPA number: 303  
 Unicode name: LATIN SMALL LETTER OPEN E  
 Unicode range: IPA Extensions  
 Hex value: 025B  
 TIPA code: E  
 AFII code: E258



Name: 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



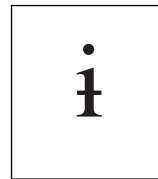
Name: NEAR-OPEN FRONT UNROUNDED VOWEL  
 IPA name: Ash; Lower-case A-E ligature  
 IPA number: 325  
 Unicode name: LATIN SMALL LETTER AE  
 Unicode range: Latin-1 Supplement  
 Hex value: 00E6  
 TIPA code: \ae  
 AFII code: E25A



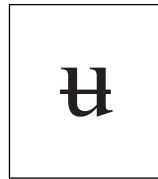
Name: OPEN FRONT UNROUNDED VOWEL  
 IPA name: Lower-case A  
 IPA number: 304  
 Unicode name: LATIN SMALL LETTER A  
 Unicode range: Basic Latin  
 Hex value: 0061  
 TIPA code: a  
 AFII code: E25B



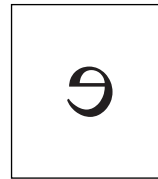
Name: OPEN FRONT ROUNDED VOWEL  
 IPA name: Small capital O-E ligature  
 IPA number: 312  
 Unicode name: LATIN LETTER SMALL CAPITAL OE  
 Unicode range: IPA Extensions  
 Hex value: 0276  
 TIPA code: \OE  
 AFII code: E25C



Name: CLOSE CENTRAL 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 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-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

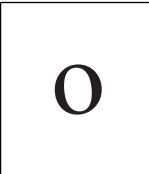

 Name: OPEN BACK UNROUNDED VOWEL  
 IPA name: Script A  
 IPA number: 305  
 Unicode name: LATIN SMALL LETTER ALPHA  
 Unicode range: IPA Extensions  
 Hex value: 0251  
 TIPA code: A  
 AFII code: E26C



 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: \textcloseepsilon  
 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

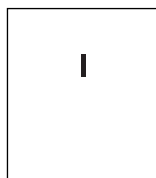

 Name: OPEN BACK ROUNDED VOWEL  
 IPA name: Turned script A  
 IPA number: 313  
 Unicode name: LATIN SMALL LETTER TURNED ALPHA  
 Unicode range: IPA Extensions  
 Hex value: 0252  
 TIPA code: 6  
 AFII code: E26D

## VOWELS

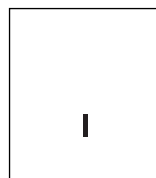


Name: R-COLOURED MID CENTRAL VOWEL  
IPA name: Right-hook schwa  
IPA number: 327  
Unicode name: LATIN SMALL LETTER SCHWA W/ HOOK  
Unicode range: IPA Extensions  
Hex value: 025A  
TIPA code: N/A  
AFII code: E260

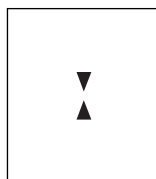
## SUPRASEGMENTALS



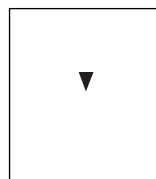
Name: PRIMARY STRESS  
IPA name: Vertical stroke (superior)  
IPA number: 501  
Unicode name: MODIFIER LETTER VERTICAL LINE  
Unicode range: Spacing Modifier Letters  
Hex value: 02C8  
TIPA code: "  
AFII code: E23E



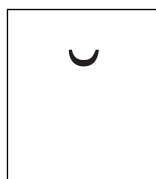
Name: SECONDARY STRESS  
IPA name: Vertical stroke (inferior)  
IPA number: 502  
Unicode name: MODIFIER LETTER LOW VERTICAL LINE  
Unicode range: Spacing Modifier Letters  
Hex value: 02CC  
TIPA code: ""  
AFII code: E23F



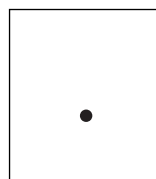
Name: LONG  
IPA name: Length mark  
IPA number: 503  
Unicode name: MODIFIER LETTER TRIANGULAR COLON  
Unicode range: Spacing Modifier Letters  
Hex value: 02D0  
TIPA code: v;  
AFII code: E23A



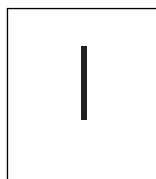
Name: HALF-LONG  
IPA name: Half-length mark  
IPA number: 504  
Unicode name: MODIFIER LETTER HALF TRIANGULAR COLON  
Unicode range: Spacing Modifier Letters  
Hex value: 02D1  
TIPA code: v;  
AFII code: E23B



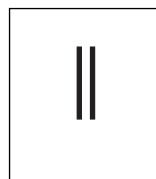
Name: EXTRA-SHORT  
IPA name: Breve  
IPA number: 505  
Unicode name: COMBINING BREVE  
Unicode range: Combining Diacritical Marks  
Hex value: 0306  
TIPA code: \u{v}  
AFII code: E223



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

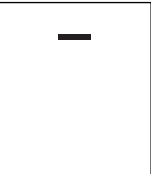



Name: LINKING (ABSENCE OF A BREAK)  
IPA name: Bottom tie bar  
IPA number: 509  
Unicode name: UNDERTIE  
Unicode range: General Punctuation  
Hex value: 203F  
TIPA code: \t\*{vv}  
AFII code: 230F

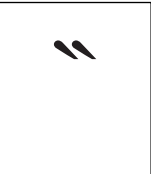
## TONES AND WORD ACCENTS

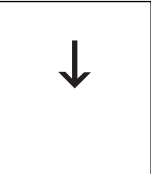
 Name: EXTRA HIGH LEVEL TONE (ACCENT MARK)  
 IPA name: Double acute accent (over)  
 IPA number: 512  
 Unicode name: COMBINING DOUBLE ACUTE ACCENT  
 Unicode range: Combining Diacritical Marks  
 Hex value: 030B  
 TIPA code: \H{v}  
 AFII code: 00CD

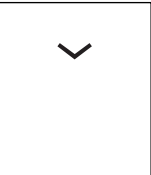
 Name: HIGH LEVEL TONE (ACCENT MARK)  
 IPA name: Acute accent (over)  
 IPA number: 513  
 Unicode name: COMBINING ACUTE ACCENT  
 Unicode range: Combining Diacritical Marks  
 Hex value: 0301  
 TIPA code: \v  
 AFII code: 00C2


 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

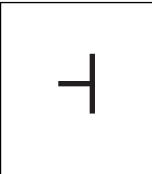
 Name: EXTRA LOW LEVEL TONE (ACCENT MARK)  
 IPA name: Double grave accent (over)  
 IPA number: 516  
 Unicode name: COMBINING DOUBLE GRAVE ACCENT  
 Unicode range: Combining Diacritical Marks  
 Hex value: 030F  
 TIPA code: \H\*v  
 AFII code: 23E2


 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

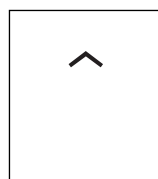
 Name: LOW LEVEL TONE (CHAO LETTER)  
 IPA name: Low tone letter  
 IPA number: 522  
 Unicode name: MODIFIER LETTER LOW TONE BAR  
 Unicode range: Spacing Modifier Letters  
 Hex value: 02E8  
 TIPA code: \tone{22}v  
 AFII code: E29F

 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

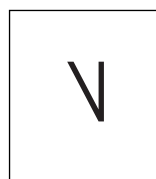
 Name: UPSTEP  
 IPA name: Up arrow  
 IPA number: 518  
 Unicode name: MODIFIER LETTER RAISED UP ARROW  
 Unicode range: Modifier Tone Letters  
 Hex value: A71B  
 TIPA code: \textupstep  
 AFII code: EEAD

 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

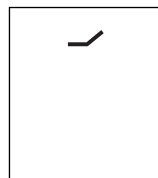
## TONES AND WORD ACCENTS



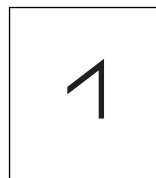
Name: FALLING CONTOUR TONE (ACCENT MARK)  
 IPA name: Circumflex  
 IPA number: 525  
 Unicode name: COMBINING CIRCUMFLEX ACCENT  
 Unicode range: Combining Diacritical Marks  
 Hex value: 0302  
 TIPA code: \v  
 AFII code: 00C3



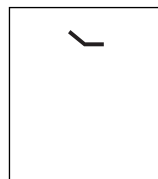
Name: FALLING CONTOUR TONE (CHAO LETTER)  
 IPA name: Falling tone letter  
 IPA number: 530  
 Unicode name: N/A  
 Unicode range: Spacing Modifier Letters  
 Hex value: 02E5 + 02E9  
 TIPA code: \tone{51}v  
 AFII code: E29A



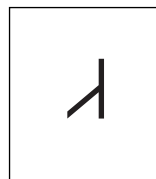
Name: HIGH RISING CONTOUR TONE (ACCENT MARK)  
 IPA name: Macron + acute accent  
 IPA number: 526  
 Unicode name: COMBINING MACRON-ACUTE  
 Unicode range: Combining Diacritical Marks Supplement  
 Hex value: 1DC4  
 TIPA code: N/A  
 AFII code: E296



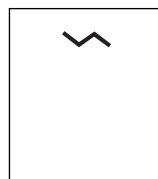
Name: HIGH RISING CONTOUR TONE (CHAO LETTER)  
 IPA name: High-rising tone letter  
 IPA number: 531  
 Unicode name: N/A  
 Unicode range: Spacing Modifier Letters  
 Hex value: 02E7 + 02E5  
 TIPA code: \tone{45}v  
 AFII code: E29B



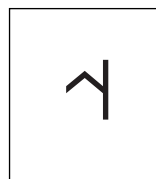
Name: LOW RISING CONTOUR TONE (ACCENT MARK)  
 IPA name: Grave accent + macron  
 IPA number: 527  
 Unicode name: COMBINING GRAVE-MACRON  
 Unicode range: Combining Diacritical Marks Supplement  
 Hex value: 1DC5  
 TIPA code: N/A  
 AFII code: E297



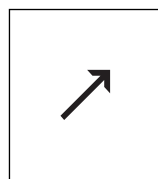
Name: LOW RISING CONTOUR TONE (CHAO LETTER)  
 IPA name: Low-rising tone letter  
 IPA number: 532  
 Unicode name: N/A  
 Unicode range: Spacing Modifier Letters  
 Hex value: 02E9 + 02E7  
 TIPA code: \tone{12}v  
 AFII code: E29C



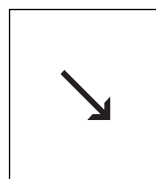
Name: RISING-FALLING CONTOUR TONE (ACCENT MARK)  
 IPA name: Grave + acute + grave accent  
 IPA number: 528  
 Unicode name: COMBINING GRAVE-ACUTE-GRAVE  
 Unicode range: Combining Diacritical Marks Supplement  
 Hex value: 1DC8  
 TIPA code: N/A  
 AFII code: E298



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

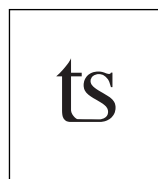


Name: GLOBAL RISE  
 IPA name: Upward diagonal arrow  
 IPA number: 510  
 Unicode name: NORTH EAST ARROW  
 Unicode range: Arrows  
 Hex value: 2197  
 TIPA code: \textglobrise  
 AFII code: EF3E



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







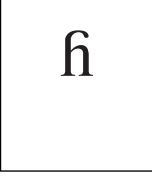

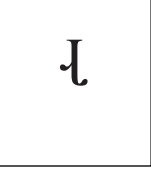
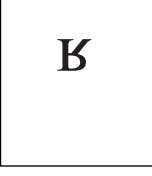


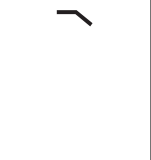

Name: VOICELESS DENTAL/ALVEOLAR AFFRICATE  
 IPA name: T-S ligature (superseded by 103 + 132)  
 IPA number: 211  
 Unicode name: LATIN SMALL LETTER TS DIGRAPH  
 Unicode range: IPA Extensions  
 Hex value: 02A6  
 TIPA code: N/A  
 AFII code: E2FC



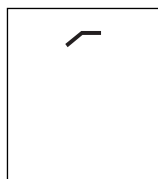
Name: VOICED ALVEOLAR AFFRICATE  
 IPA name: D-Z ligature (superseded by 104 + 133)  
 IPA number: 212  
 Unicode name: LATIN SMALL LETTER DZ DIGRAPH  
 Unicode range: IPA Extensions  
 Hex value: 02A3  
 TIPA code: N/A  
 AFII code: E2F9



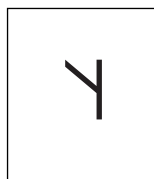
## ADDITIONAL SYMBOLS

	<p>Name: VOICELESS POSTALVEOLAR AFFRICATE            IPA name: T-Esh ligature (superseded by 103 + 134)            IPA number: 213            Unicode name: LATIN SMALL LETTER TESH DIGRAPH            Unicode range: IPA Extensions            Hex value: 02A7            TIP A code: N/A            AFII code: E2FD</p>		<p>Name: VOICED POSTALVEOLAR AFFRICATE            IPA name: D-Ezh ligature (superseded by 104 + 135)            IPA number: 214            Unicode name: LATIN SMALL LETTER DEZH DIGRAPH            Unicode range: IPA Extensions            Hex value: 02A4            TIP A code: N/A            AFII code: E2FA</p>
	<p>Name: VOICELESS ALVEOLO-PALATAL AFFRICATE            IPA name: T-Curl y-tail-C ligature (superseded by 103 + 182)            IPA number: 215            Unicode name: LATIN SMALL LETTER TC DIGRAPH W/ CURL            Unicode range: IPA Extensions            Hex value: 02A8            TIP A code: N/A            AFII code: E2FE</p>		<p>Name: VOICED ALVEOLO-PALATAL AFFRICATE            IPA name: D-Curl y-tail-Z ligature (superseded by 104 + 183)            IPA number: 216            Unicode name: LATIN SMALL LETTER DZ DIGRAPH W/ CURL            Unicode range: IPA Extensions            Hex value: 02A5            TIP A code: N/A            AFII code: E2FB</p>
	<p>Name: R-COLOURED OPEN-MID CENTRAL VOWEL            IPA name: N/A            IPA number: N/A            Unicode name: LATIN SMALL LETTER REVERSED OPEN E W/ HOOK            Unicode range: IPA Extensions            Hex value: 025D            TIP A code: N/A            AFII code: N/A</p>		<p>Name: DIACRITIC VOICED GLOTTAL FRICATIVE            IPA name: N/A            IPA number: N/A            Unicode name: MODIFIER LETTER SMALL H W/ HOOK            Unicode range: Spacing Modifier Letters            Hex value: 02B1            TIP A code: N/A            AFII code: N/A</p>
	<p>Name: DIACRITIC ALVEOLAR TRILL            IPA name: N/A            IPA number: N/A            Unicode name: MODIFIER LETTER SMALL R            Unicode range: Spacing Modifier Letters            Hex value: 02B3            TIP A code: N/A            AFII code: N/A</p>		<p>Name: DIACRITIC ALVEOLAR APPROXIMANT            IPA name: N/A            IPA number: N/A            Unicode name: MODIFIER LETTER SMALL TURNED R            Unicode range: Spacing Modifier Letters            Hex value: 02B4            TIP A code: N/A            AFII code: N/A</p>
	<p>Name: DIACRITIC RETROFLEX APPROXIMANT            IPA name: N/A            IPA number: N/A            Unicode name: MODIFIER LETTER SMALL TURNED R W/ HOOK            Unicode range: Spacing Modifier Letters            Hex value: 02B5            TIP A code: N/A            AFII code: N/A</p>		<p>Name: DIACRITIC UVULAR APPROXIMANT            IPA name: Superscript inverted small capital R            IPA number: 676            Unicode name: MODIFIER LETTER SMALL CAPITAL INVERTED R            Unicode range: Spacing Modifier Letters            Hex value: 02B6            TIP A code: N/A            AFII code: N/A</p>
	<p>Name: DIACRITIC GLOTTAL STOP            IPA name: N/A            IPA number: N/A            Unicode name: MODIFIER LETTER GLOTTAL STOP            Unicode range: Spacing Modifier Letters            Hex value: 02C0            TIP A code: N/A            AFII code: N/A</p>		<p>Name: DIACRITIC RETROFLEXION            IPA name: N/A            IPA number: N/A            Unicode name: COMBINING RETROFLEX HOOK BELOW            Unicode range: Combining Diacritical Marks            Hex value: 0322            TIP A code: N/A            AFII code: E228</p>
	<p>Name: MID-LOW FALLING CONTOUR TONE (ACCENT MARK)            IPA name: N/A            IPA number: N/A            Unicode name: COMBINING MACRON-GRAVE            Unicode range: Combining Diacritical Marks Supplement            Hex value: 1DC6            TIP A code: N/A            AFII code: N/A</p>		<p>Name: MID-LOW FALLING CONTOUR TONE (CHAO LETTER)            IPA name: N/A            IPA number: N/A            Unicode name: N/A            Unicode range: Spacing Modifier Letters            Hex value: 02E7 + 02E9            TIP A code: N/A            AFII code: N/A</p>

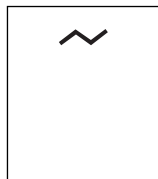
## ADDITIONAL SYMBOLS



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