

THE INTERNATIONAL PHONETIC ALPHABET (revised to 2017)

CONSONANTS (PULMONIC)

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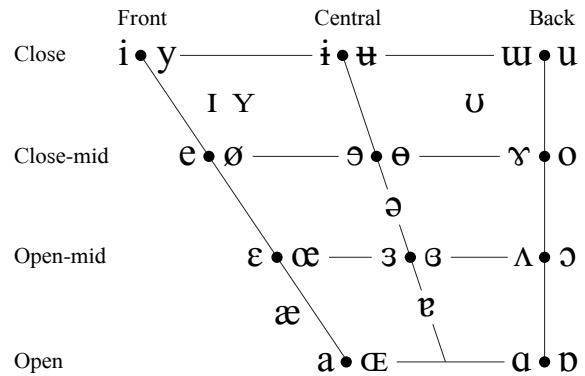
	Bilabial	Labiodental	Dental	Alveolar	Postalveolar	Retroflex	Palatal	Velar	Uvular	Pharyngeal	Glottal
Plosive	p b			t d		ʈ ɖ	c ɟ	k ɡ	q ɢ		ʔ
Nasal	m	ɱ		n		ɳ	ɲ	ŋ	ɴ		
Trill	ʙ			r					ʀ		
Tap or Flap		ⱱ		ɾ		ɽ					
Fricative	ɸ β	f v	θ ð	s z	ʃ ʒ	ʂ ʐ	ç ʝ	x ɣ	χ ʁ	ħ ʕ	h ɦ
Lateral fricative				ɬ ɮ							
Approximant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

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
⦿ Bilabial	ɓ Bilabial	ʼ Examples:
ǀ Dental	ɗ Dental/alveolar	pʼ Bilabial
ǃ (Post)alveolar	ɟ Palatal	tʼ Dental/alveolar
ǂ Palatoalveolar	ɡ Velar	kʼ Velar
ǁ Alveolar lateral	ɠ Uvular	sʼ Alveolar fricative

VOWELS



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

OTHER SYMBOLS

- ʍ Voiceless labial-velar fricative ɕ ʑ Alveolo-palatal fricatives
 - ʋ Voiced labial-velar approximant ɺ Voiced alveolar lateral flap
 - ɥ Voiced labial-palatal approximant ɥ Simultaneous ʃ and X
 - ʜ 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.

ts̩ kp̩

SUPRASEGMENTALS

- ˈ Primary stress ˌ founəˈtʃən
- ˈ Secondary stress
- ː Long eː
- ˑ Half-long eˑ
- ˘ Extra-short ɛ̘
- ◌| Minor (foot) group
- ◌|| Major (intonation) group
- ◌. Syllable break .i.ækt
- ◌) Linking (absence of a break)

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

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

TONES AND WORD ACCENTS

- | LEVEL | CONTOUR |
|-------------------|--------------------|
| é or ˥ Extra high | ě or ˨ Rising |
| é ˥ High | ê ˨ Falling |
| ē ˥ Mid | ẽ ˥ High rising |
| è ˥ Low | ẽ ˥ Low rising |
| è ˥ Extra low | ẽ ˥ Rising-falling |
| ˩ Downstep | ↗ Global rise |
| ˩ Upstep | ↘ Global fall |