

THE INTERNATIONAL PHONETIC ALPHABET (revised to 2016)

CONSONANTS (PULMONIC)

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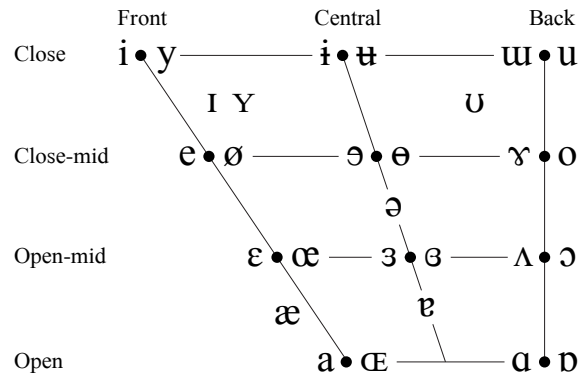
	Bilabial	Labiodental	Dental	Alveolar	Postalveolar	Retroflex	Palatal	Velar	Uvular	Pharyngeal	Glottal
Plosive	p b			t d		ʈ ɖ	c ɟ	k ɡ	q ɢ		ʔ
Nasal	m	ɱ		n		ɳ	ɲ	ŋ	ɴ		
Trill	ʙ			ʀ					ʀ		
Tap or Flap		ⱱ		ɾ		ɽ					
Fricative	ɸ β	f v	θ ð	s z	ʃ ʒ	ʂ ʐ	ç ʝ	x ɣ	χ ʁ	ħ ʕ	h ɦ
Lateral fricative				ɬ ɮ							
Approximant		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
 - ħ Voiceless epiglottal fricative
 - ʕ Voiced epiglottal fricative
 - ʔ 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 Secondary stress ː Long eː
- ˑ Half-long eˑ
- ˘ Extra-short ɛ̘
- Minor (foot) group
- Major (intonation) group
- ˑ 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 |
|------------|----------------------------------|
| é̥ or ̥ | ě or ̥ Rising |
| é̇ or ̇ | ê or ̇ Falling |
| ē̄ or ̄ | ě̄ or ̄ High rising |
| è̇ or ̇ | ě̇ or ̇ Low rising |
| è̈ or ̈ | ě̈ or ̈ Extra low rising-falling |
| ↓ Downstep | ↗ Global rise |
| ↑ Upstep | ↘ Global fall |