

THE INTERNATIONAL PHONETIC ALPHABET (revised to 2015)

CONSONANTS (PULMONIC)

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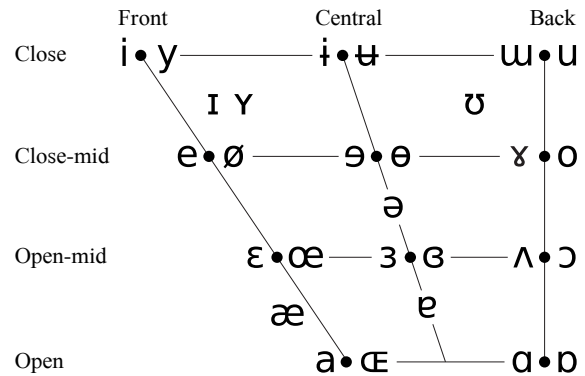
	Bilabial	Labiodental	Dental	Alveolar	Postalveolar	Retroflex	Palatal	Velar	Uvular	Pharyngeal	Glottal
Plosive	p b			t d		ʈ ɖ	c ɟ	k ɡ	q ɢ		ʔ
Nasal	m	ɱ		n		ɳ	ɲ	ŋ	ɴ		
Trill	ʙ			r					ʀ		
Tap or Flap		ⱱ		ɾ		ɽ					
Fricative	ɸ β	f v	θ ð	s z	ʃ ʒ	ʂ ʐ	ç ʝ	x ɣ	χ ʁ	ħ ʕ	h ɦ
Lateral fricative				ɬ ɮ							
Approximant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

- ɱ Voiceless labial-velar fricative
- ɰ Voiced labial-velar approximant
- ɲ Voiced labial-palatal approximant
- ħ Voiceless epiglottal fricative
- ʕ Voiced epiglottal fricative
- ʡ Epiglottal plosive
- ɕ Alveolo-palatal fricatives
- ɟ Voiced alveolar lateral flap
- ɻ Simultaneous ʃ and x
- 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
- ˑ̈ Extra-short
- ◌| Minor (foot) group
- ◌|| Major (intonation) group
- ◌. Syllable break
- ◌) Linking (absence of a break)

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

◌◌ Voiceless	◌◌̥ ◌◌̜	◌◌ Breathy voiced	◌◌̚ ◌◌̥̚	◌◌ Dental	◌◌̪ ◌◌̫
◌◌ Voiced	◌◌̩ ◌◌̪	◌◌ Creaky voiced	◌◌̰ ◌◌̱	◌◌ Apical	◌◌̽ ◌◌̾
◌◌ Aspirated	◌◌ ^h ◌◌ ^{h̥}	◌◌ Linguolabial	◌◌̼ ◌◌̽	◌◌ Laminal	◌◌̻ ◌◌̼
◌◌ More rounded	◌◌̙	◌◌ Labialized	◌◌ ^w ◌◌ ^{w̥}	◌◌ Nasalized	◌◌̃
◌◌ Less rounded	◌◌̜	◌◌ Palatalized	◌◌ ^j ◌◌ ^{j̥}	◌◌ Nasal release	◌◌ ⁿ
◌◌ Advanced	◌◌̟	◌◌ Velarized	◌◌̘ ◌◌̙	◌◌ Lateral release	◌◌ ^l
◌◌ Retracted	◌◌̠	◌◌ Pharyngealized	◌◌̙ ◌◌̚	◌◌ No audible release	◌◌ [̚]
◌◌ Centralized	◌◌̞	◌◌ Velarized or pharyngealized	◌◌̘		
◌◌ Mid-centralized	◌◌̟̞	◌◌ Raised	◌◌̠̠̥ (◌◌̠̠̥ = voiced alveolar fricative)		
◌◌ Syllabic	◌◌̩	◌◌ Lowered	◌◌̞ (◌◌̞̞ = voiced bilabial approximant)		
◌◌ Non-syllabic	◌◌̥	◌◌ Advanced Tongue Root	◌◌̠̠̥		
◌◌ Rhoticity	◌◌̠̠̥ ◌◌̠̠̥̥	◌◌ Retracted Tongue Root	◌◌̠̠̥̥		

TONES AND WORD ACCENTS

- | LEVEL | CONTOUR |
|--------------------|-------------------|
| é or ɛ̌ Extra high | ě or ɛ̎ Rising |
| é High | ê Falling |
| ē Mid | ē High rising |
| è Low | ě Low rising |
| è̌ Extra low | ě̌ Rising-falling |
| ↓ Downstep | ↗ Global rise |
| ↑ Upstep | ↘ Global fall |