

THE INTERNATIONAL PHONETIC ALPHABET (revised to 2015)

CONSONANTS (PULMONIC)

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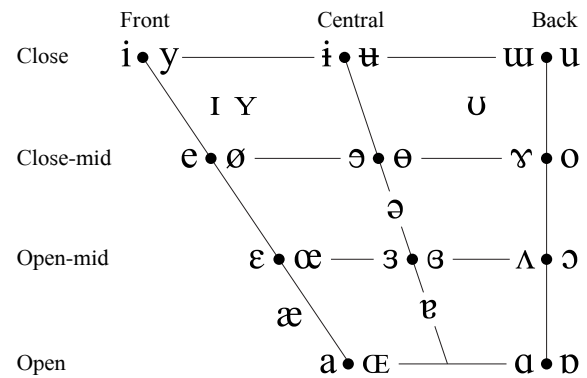
	Bilabial	Labiodental	Dental	Alveolar	Postalveolar	Retroflex	Palatal	Velar	Uvular	Pharyngeal	Glottal
Plosive	p b			t d		ʈ ɖ	c ɟ	k ɡ	q ɢ		ʔ
Nasal	m	ɱ		n		ɳ	ɲ	ŋ	ɴ		
Trill	ʙ			r					ʀ		
Tap or Flap		ⱱ		ɾ		ɽ					
Fricative	ɸ β	f v	θ ð	s z	ʃ ʒ	ʂ ʐ	ç ʝ	x ɣ	χ ʁ	ħ ʕ	h ɦ
Lateral fricative				ɬ ɮ							
Approximant		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
ǁ Palatoalveolar	ɡ Velar	kʼ Velar
ǂ 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 Voiced labial-velar approximant
- ɥ Voiced labial-velar approximant
- ħ Voiceless epiglottal fricative
- ʕ Voiced epiglottal fricative
- ʡ Epiglottal plosive
- ɟ͡ʝ Voiced labial-velar fricative
- ɻ Voiced alveolar lateral fricative
- ɣ͡ʝ Simultaneous ʃ and x
- ts̺ kp̺ Affricates and double articulations can be represented by two symbols joined by a tie bar if necessary.

SUPRASEGMENTALS

- ˈ Primary stress
- ˌ Secondary stress
- ː Long
- ˑ Half-long
- ˚ 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. ɲ̥

◌̥ 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	◌̥ (ɹ̥ = voiced alveolar fricative)		
◌̣ Syllabic	◌̣	◌̣ Lowered	◌̣ (β̣ = voiced bilabial approximant)		
◌̣ Non-syllabic	◌̣	◌̣ Advanced Tongue Root	◌̣		
◌̣ Rhoticity	◌̣ ɹ̣ ɹ̣	◌̣ Retracted Tongue Root	◌̣		

TONES AND WORD ACCENTS

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