

THE INTERNATIONAL PHONETIC ALPHABET (revised to 1993, corrected 1996)

CONSONANTS (PULMONIC)

	Bilabial	Labiodental	Dental	Alveolar	Postalveolar	Retroflex	Palatal	Velar	Uvular	Pharyngeal	Glottal
Plosive	p b			t d		ʈ ɖ	c ɟ	k g	q ɢ		ʔ
Nasal	m	ɱ		n		ɳ	ɲ	ŋ	ɴ		
Trill	ʙ			r					ʀ		
Tap or Flap				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			

Where symbols appear in pairs, the one to the right represents a voiced consonant. Shaded areas denote articulations judged impossible.

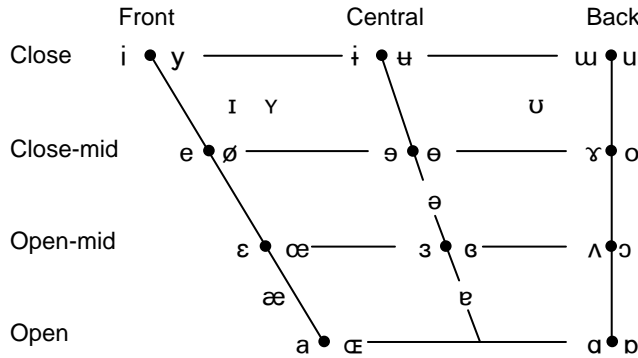
CONSONANTS (NON-PULMONIC)

Clicks	Voiced implosive	Ejective
⊙ Bilabial	ɓ Bilabial	' as in:
Dental	ɗ Dental/alveolar	p' Bilabial
! (Post)alveolar	ɟ Palatal	t' Dental/alveolar
‡ Palatoalveolar	ɡ Velar	k' Velar
Alveolar lateral	ɠ Uvular	s' Alveolar fricative

OTHER (CONSONANT) SYMBOLS

- ɱ Voiced labial-velar fricative
- ɰ Voiced labial-velar approximant
- ɥ Voiced labial-palatal approximant
- ʜ Voiced epiglottal fricative
- ʕ Voiced epiglottal fricative
- ʡ Epiglottal plosive
- ɕ ʑ Alveolo-palatal fricatives
- ɺ Alveolar lateral flap
- ɥ Simultaneous ʃ and χ
- Affricates and Double Articulations can be represented by two symbols joined by a tie bar if necessary: \overline{kp} \overline{ts}

VOWELS



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

SUPRASEGMENTALS

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

DIACRITICS

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	
◌ [◌] Syllabic	◌ [◌] Lowered	
◌ [◌] Non-syllabic	◌ [◌] Advanced Tongue Root	
◌ [◌] Rhoticity	◌ [◌] Retracted Tongue Root	

TONES AND WORD ACCENTS

- | LEVEL | CONTOUR |
|-------------------|------------------|
| ˥ or ˩ Extra High | ˥ or ˩ Rising |
| ˨ High | ˨ Falling |
| ˨ Mid | ˨ High rising |
| ˨ Low | ˨ Low rising |
| ˨ Extra low | ˨ Rising-falling |
| ˩ Downstep | ˩ Global fall |
| ˩ Upstep | ˩ Global rise |