

THE INTERNATIONAL PHONETIC ALPHABET

CONSONANTS (PULMONIC)

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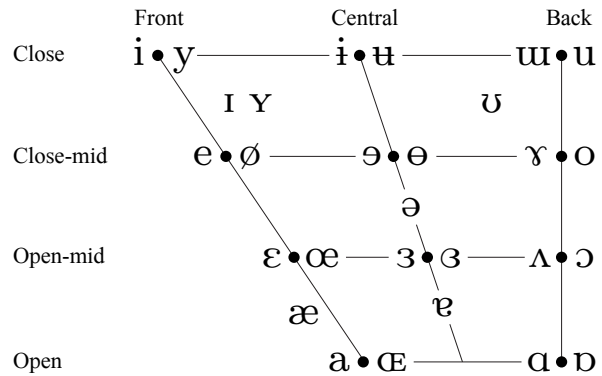
	Bilabial	Labiodental	Dental	Alveolar	Postalveolar	Retroflex	Palatal	Velar	Uvular	Pharyngeal	Glottal
Plosive	p b			t d		ʈ ɖ	c ɟ	k ɡ	q ɢ		ʔ
Nasal	m	ɱ		n		ɳ	ɲ	ŋ	ɴ		
Trill	ʙ			r					ʀ		
Tap or Flap		ⱱ		ɾ		ɽ					
Fricative	ɸ β	f v	θ ð	s z	ʃ ʒ	ʂ ʐ	ç ʝ	x ɣ	χ ʁ	ħ ʕ	h ɦ
Lateral fricative				ɬ ɮ							
Approximant		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
◌ ɸ Bilabial	ɓ Bilabial	ʼ Examples:
Dental	ɗ Dental/alveolar	pʼ Bilabial
! (Post)alveolar	ɟ Palatal	tʼ Dental/alveolar
≡ Palatoalveolar	ɡ Velar	kʼ Velar
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	ɕ ʑ Alveolo-palatal fricatives
ɰ Voiced labial-velar approximant	ɺ Voiced alveolar lateral flap
ɥ Voiced labial-palatal approximant	ɧ Simultaneous ʃ and x
ħ Voiceless epiglottal fricative	Affricates and double articulations can be represented by two symbols joined by a tie bar if necessary.
ʕ Voiced epiglottal fricative	ts kp
ʡ Epiglottal plosive	

DIACRITICS

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

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

SUPRASEGMENTALS

ˈ Primary stress	ˈfounəˈtɪʃən
ˌ Secondary stress	
ː Long	eː
ˑ Half-long	eˑ
◌ Extra-short	◌ ɛ̥
◌ Minor (foot) group	
◌ Major (intonation) group	
◌ Syllable break	ˌi.ækt
◌ Linking (absence of a break)	

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 rise
˨ Upstep	↘ Global fall