

THE INTERNATIONAL PHONETIC ALPHABET (revised to 2020)

CONSONANTS (PULMONIC)

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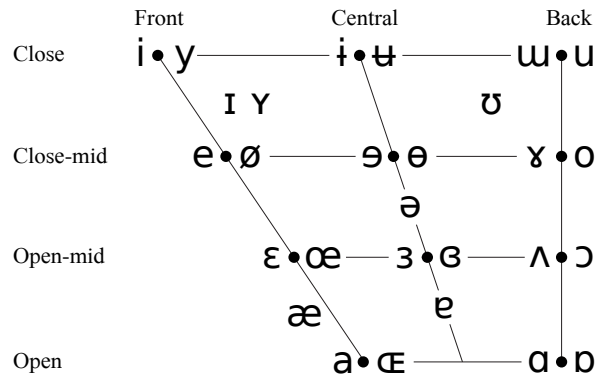
	Bilabial	Labiodental	Dental	Alveolar	Postalveolar	Retroflex	Palatal	Velar	Uvular	Pharyngeal	Glottal
Plosive	p b			t d		ʈ ɖ	c ɟ	k ɡ	q ɢ		ʔ
Nasal	m	ɱ		n		ɳ	ɲ	ŋ	ɴ		
Trill	ʙ			r					ʀ		
Tap or Flap		ⱱ		ɾ		ɽ					
Fricative	ɸ β	f v	θ ð	s z	ʃ ʒ	ʂ ʐ	ç ʝ	x ɣ	χ ʁ	ħ ʕ	h ɦ
Lateral fricative				ɬ ɮ							
Approximant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

ts kp

SUPRASEGMENTALS

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

DIACRITICS

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

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

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