



International Phonetic Alphabet (IPA)

Below are the basic consonant and vowel charts. The full set of IPA charts, as well as lots of information about the International Phonetic Association, can be found on their website: <http://www2.arts.gla.ac.uk/IPA/index.html>.

THE INTERNATIONAL PHONETIC ALPHABET (revised to 1993)

CONSONANTS (PULMONIC)

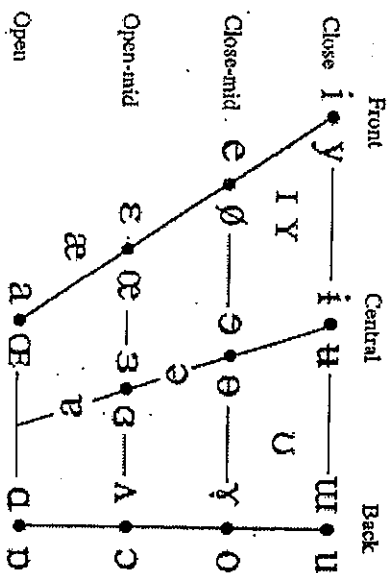
	Bilabial	Labiodental	Dental	Alveolar	Postalveolar	Retrolaryngeal	Palatal	Velar	Uvular	Pharyngeal	Glottal
Plosive	p b			t d			ʈ ɖ	c ɟ	k ɡ	q ɢ	ʔ
Nasal	m	ɱ		n			ɲ	ŋ	ɴ		
Trill				r					ʀ		
Tap or Flap				ɾ							
Fricative	ɸ β	f v	θ ð	s z	ʃ ʒ		ç ʝ	x ɣ	χ ʁ	ħ ʕ	h ɦ
Lateral fricative				ɬ ɮ							
Approximant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

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 implosives	Ejectives
◌ ʘ Bilabial	ɓ Bilabial	ʼ as in:
◌ Ʉ Dental	ɗ Dental/Alveolar	ɓ' Bilabial
◌ ǀ (Front)Alveolar	ɟ Palatal	ɗ' Dental/Alveolar
◌ ǃ Palatoalveolar	ɠ Velar	ɟ' Velar
◌ ǁ Alveolar lateral	ɠ' Uvular	ɠ' Alveolar fricative

VOWELS



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