

Feature Chart

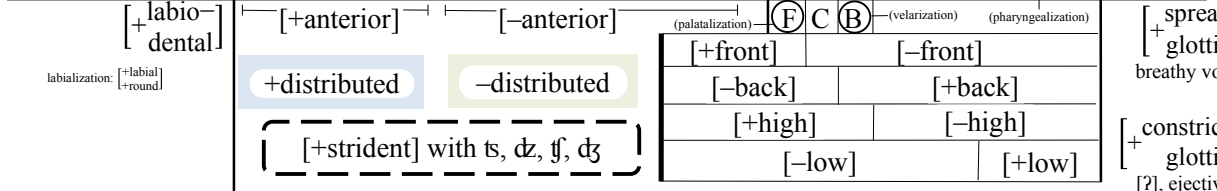
Based on Hayes (2009) *Introductory Phonology*

Vowels	Glides	Liquids	Nasals	Stops	Affricates	Fricatives
[+syllabic]	[-syllabic]					
[-consonantal]			[+consonantal]			
[+approximant]			[-approximant]			
[+sonorant]				[-sonorant]		
[-delayed release]					[+delayed release]	
[+continuant]			[-continuant]			[+continuant]

Others: [lateral], [trill], [tap], [implosive]



Bilabial	Labiodental	Dental	Alveolar	Postalveolar	Retroflex	Palatal	Velar	Uvular	Pharyngeal	Glottal
p b			t d		ʈ ɖ	c ɟ	k g	q ɢ		ʔ
m	ɱ		n		ɳ	ɲ	ŋ	ɴ		
ʙ			ɾ		ɽ			ʀ		
	ɸ β	f v	θ ð	s z	ʃ ʒ	ç ʝ	x ɣ	χ ʁ	ħ ʕ	h ɦ
			ʦ ʣ							
			ɹ		ɻ					
	ʋ		ɻ		ɻ	j	ɰ			
			l		ɭ	ʎ	ʟ			

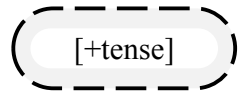


Symbols to the right in a cell are [+voice].

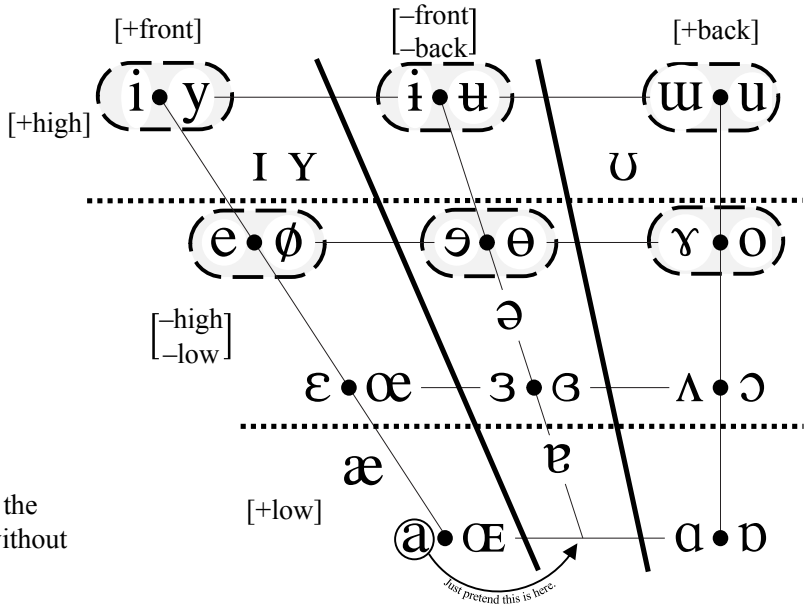
[+spread glottis] breathy voice
[+constricted glottis] [ʔ], ejectives, preglottalized sounds, tense stops

Other vowel features

- [nasal]
- [stress]
- [long]



Low vowels are not specified for [tense].
Possibly related to [+ATR].



When symbols appear in pairs, the one to the right has the [+round] feature. Symbols without a pair are unspecified for [round].