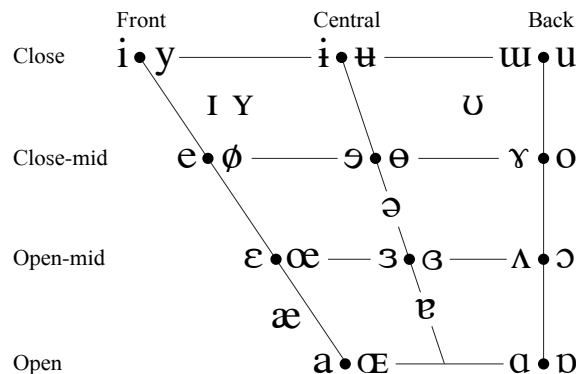


CONSONANTS (PULMONIC)

	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	B		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			

CONSONANTS (NON-PULMONIC)

VOWELS



OTHER SYMBOLS

$$\underbrace{\text{ts}} \quad \overbrace{\text{kp}}$$

DIACRITICS Some diacritics may be placed above a symbol with a descender, e.g. $\overset{\circ}{\eta}$

◌ Voiceless	ᵿ ᵿ	◌ Breathy voiced	ᵿ ᵿ	◌ Dental	ᵿ ᵿ
◌ Voiced	ᵿ ᵿ	◌ Creaky voiced	ᵿ ᵿ	◌ Apical	ᵿ ᵿ
◌ Aspirated	ᵿ^h ᵿ^h	◌ Linguolabial	ᵿ ᵿ	◌ Laminal	ᵿ ᵿ
◌ More rounded	ᵿ	◌ Labialized	ᵿ^w ᵿ^w	◌ Nasalized	ᵿ̃
◌ Less rounded	ᵿ	◌ Palatalized	ᵿ^j ᵿ^j	◌ Nasal release	ᵿⁿ
◌ Advanced	ᵿ⁺	◌ Velarized	ᵿ^ʷ ᵿ^ʷ	◌ Lateral release	ᵿ^l
◌ Retracted	ᵿ̠	◌ Pharyngealized	ᵿ̠ ᵿ̠	◌ No audible release	ᵿ̚
◌ Centralized	ᵿ̠	◌ Velarized or pharyngealized	ᵿ̠		
◌ Mid-centralized	ᵿ̠	◌ Raised	ᵿ̠ (ᵿ̠ = voiced alveolar fricative)		
◌ Syllabic	ᵿ̠	◌ Lowered	ᵿ̠ (ᵿ̠ = voiced bilabial approximant)		
◌ Non-syllabic	ᵿ̠	◌ Advanced Tongue Root	ᵿ̠		
◌ Rhoticity	ᵿ̠ ᵿ̠	◌ Retracted Tongue Root	ᵿ̠		

- | Primary stress ,founə'tɪʃən
- | Secondary stress
- ː Long eː
- ˑ Half-long eˑ
- ◌ Extra-short ě
- | Minor (foot) group
- || Major (intonation) group
- Syllable break ɹi.ækt
- ◌ Linking (absence of a break)

LEVEL		CONTOUR	
ẽ	or ㄱ Extra high	ẽ	or ㄱ Rising
é	ㄱ High	ê	ㄴ Falling
ē	ㄴ Mid	ẽ	ㄱ High rising
è	ㄴ Low	ẽ	ㄱ Low rising
ẽ	ㄴ Extra low	ẽ	ㄱ Rising-falling
↓	Downstep	↗	Global rise
↑	Upstep	↘	Global fall