

THE INTERNATIONAL PHONETIC ALPHABET in IPAbet keystrokes

CONSONANTS (PULMONIC)

	Bilabial		Labiodental		Dental		Alveolar		Postalveolar		Retroflex		Palatal		Velar		Uvular		Pharyngeal		Glottal	
Plosive	p p	b b			t t		d d				ʈ ʈR	ɖ ɖR	c c	ɟ ɟJ	k k	g g	q q	ɢ ɢQ			ʔ ʔH	
Nasal	m m		ɱ ɱV				n n				ɳ ɳR	ɲ ɲJ		ŋ ŋG		ɴ ɴQ						
Trill	ʙ rB						r r										ʀ rG					
Tap or Flap			ɹ 4V				ɽ 4H				ɻ 4R											
Fricative	ɸ pH	β bH	f f	v v	θ tH	ð dH	s s	z z	ʃ sH	ʒ zH	ʂ sR	ʐ zR	ç cH	j gJ	x x	ɣ gH	χ qH	ʁ rQ	ħ 7H	ʕ 3H	h h	ɦ hH
Lateral fricative					ɬ sL		ɮ zL															
Approximant			ʋ vH				ɹ rH				ɻ rR		j j		ɰ wH							
Lateral approximant							l l				ɭ lR		ʎ lJ		ʟ lG							

Symbols to the right in a cell are voiced, to the left are voiceless. Shaded areas denote articulations judged impossible.

CONSONANTS (NON-PULMONIC)

Clicks

- Ø Bilabial
pC
Dental
tC
(Post)alveolar
qC
Palatoalveolar
cC
Alveolar lateral
lC

Voiced implosives

- ɓ Bilabial
bP
Dental/alveolar
ɗ
dP
Palatal
ɟ
jP
Velar
ɡ
gP
Uvular
ɠ
qP

Ejectives

- Examples:
Bilabial
pʼ
Dental/alveolar
tʼ
Velar
kʼ
Alveolar fricative
sʼ

OTHER SYMBOLS

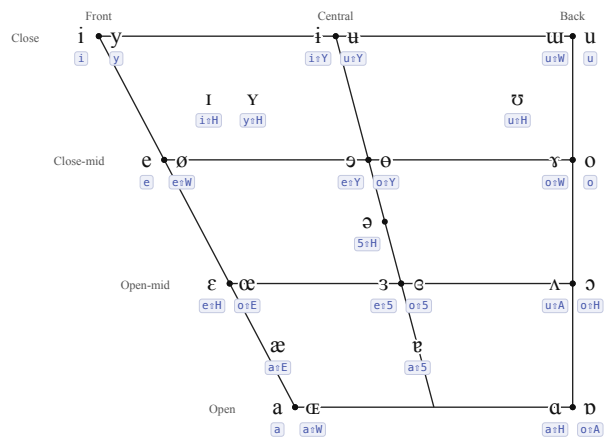
- ɱ Voiceless labial-velar fricative
w Voiced labial-velar approximant
ɰ Voiced labial-palatal approximant
ħ Voiceless epiglottal fricative
ʕ Voiced epiglottal fricative
ʔ Epiglottal plosive

- ɕ Voiceless alveolo-palatal fricative
ʑ Voiced alveolo-palatal fricative
ɺ Voiced alveolar lateral flap
ɥ Simultaneous ʃ and x
ʈs Affricate (tie bar)

DIACRITICS

◌̥ Voiceless v̥k	◌̚ Breathily voiced v̚u	◌̤ Dental vt
◌̦ Voiced v̦v	◌̜ Creaky voiced v̜n	◌̥ Apical vd
◌̦ Aspirated v̦h	◌̚ Linguolabial v̚l	◌̥ Laminar vd
◌̙ More rounded v̙w	◌̚ Labialized v̚z w	◌̥ Nasalized vn
◌̘ Less rounded v̘w	◌̚ Palatalized v̚z j	◌̥ Nasal release v̚z n
◌̙ Advanced v̙=	◌̚ Velarized v̚z gH	◌̥ Lateral release v̚z l
◌̙ Retracted v̙=	◌̚ Pharyngealized v̚z 3H	◌̥ No audible release v̚θ
◌̚ Centralized vu	◌̚ Velarized or pharyngealized v̚y	
◌̚ Mid-centralized vx	◌̚ Raised vg	
◌̚ Syllabic vs	◌̚ Lowered vg	
◌̚ Non-syllabic vo	◌̚ Advanced tongue root vh	
◌̚ Rhoticity vr	◌̚ Retracted tongue root vh	

VOWELS



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

SUPRASEGMENTALS

- ˈ Primary stress
ˌ Secondary stress
ː Long
ˑ Half-long
ˑ Extra-short
ˑ Minor (foot) group
ˑ Major (intonation) group
ˑ Syllable break
ˑ Linking (absence of a break)

TONES AND WORD ACCENTS

LEVEL	CONTOUR
˥ Extra high ˥ Extra high (tone letter)	˩ Rising ˩ Rising (tone letter)
˥ High ˥ High (tone letter)	˩ Falling ˩ Falling (tone letter)
˥ Mid ˥ Mid (tone letter)	˩ High rising ˩ High rising (tone letter)
˥ Low ˥ Low (tone letter)	˩ Low rising ˩ Low rising (tone letter)
˥ Extra low ˥ Extra low (tone letter)	˩ Rising-falling ˩ Rising-falling (tone letter)
˥ Downstep ˥ Upstep	˩ Global rise ˩ Global fall