

IPA

(1) IPA

IPA International Phonetic Alphabet

[ə]

IPA

IPA

IPA

[ɒ]

[ɒ]

(2) IPA

IPA

https://www.internationalphoneticassociation.org/IPAcharts/IPA_chart_orig/pdfs/IPA_Kiel_2020_full.pdf

<https://www.internationalphoneticassociation.org/content/ipa-chart>

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
ʘ Bilabial	ɓ Bilabial	ʼ Examples:
ǀ Dental	ɗ Dental/alveolar	pʼ Bilabial
ǃ (Post)alveolar	ɟ Palatal	tʼ Dental/alveolar
ǂ Palatoalveolar	ɡ Velar	kʼ Velar
ǁ Alveolar lateral	ɠ Uvular	sʼ Alveolar fricative

OTHER SYMBOLS

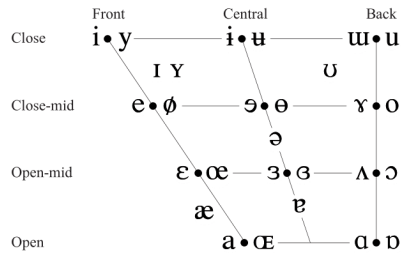
ɱ Voiceless labial-velar fricative	ç ʝ Alveolo-palatal fricatives
ʋ Voiced labial-velar approximant	ɹ Voiced alveolar lateral flap
ɰ Voiced labial-palatal approximant	ɻ Simultaneous ʃ and x
ħ Voiceless epiglottal fricative	Affricates and double articulations can be represented by two symbols joined by a tie bar if necessary.
ʕ Voiced epiglottal fricative	
ʡ Epiglottal plosive	

DIACRITICS

◌̥ Voiceless	◌̤ ◌̦	◌̬ Breathily voiced	◌̭ ◌̮	◌̯ Dental	◌̰ ◌̱
◌̣ Voiced	◌̥ ◌̦	◌̬ Creaky voiced	◌̭ ◌̮	◌̯ Apical	◌̰ ◌̱
◌̨ Aspirated	tʰ dʰ	◌̬ Linguolabial	t̪ d̪	◌̯ Laminal	t̪ d̪
◌̜ More rounded	ɔ̜	◌̬ Labialized	tʷ dʷ	◌̯ Nasalized	ẽ
◌̝ Less rounded	ɔ̝	◌̬ Palatalized	tʲ dʲ	◌̯ Nasal release	dⁿ
◌̞ Advanced	u̞	◌̬ Velarized	tˠ dˠ	◌̯ Lateral release	dˡ
◌̠ Retracted	e̠	◌̬ Pharyngealized	tˤ dˤ	◌̯ No audible release	d˞
◌̡ Centralized	ẽ	◌̬ Velarized or pharyngealized	ɫ		
◌̣ Mid-centralized	ẽ	◌̬ Raised	e̥ (ɹ̥ = voiced alveolar fricative)		
◌̤ Syllabic	ɳ	◌̬ Lowered	e̥ (β̥ = voiced bilabial approximant)		
◌̥ Non-syllabic	e̥	◌̬ Advanced Tongue Root	e̥		
◌̦ Rhoticity	ɻ̦ ɻ̥	◌̬ Retracted Tongue Root	e̥		

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

VOWELS



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

SUPRASEGMENTALS

ˈ Primary stress	ˈfoʊnəˈtɪʃən
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)	

TONES AND WORD ACCENTS

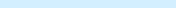
LEVEL	CONTOUR
ẽ or ɛ̃ Extra high	ẽ or ɛ̃ Rising
é High	é Falling
ē Mid	ē High rising
è Low	è Low rising
ẽ Extra low	ẽ Rising-falling
↓ Downstep	↗ Global rise
↑ Upstep	↘ Global fall


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

CONSONANTS VOWELS

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CONSONANTS

① 

② 

③ voiced  voiceless 

[illegible]

①


②

③


Close

②

Close-mid ☐ Open-mid ☐ Open ☐

③ 

YouTube



- [illegible]



Revision #12

Created 13 April 2025 14:23:47 by K.H. (Admin)

Updated 16 April 2025 23:55:00 by K.H. (Admin)