

THE INTERNATIONAL PHONETIC ALPHABET (revised to 2005)

CONSONANTS (PULMONIC)

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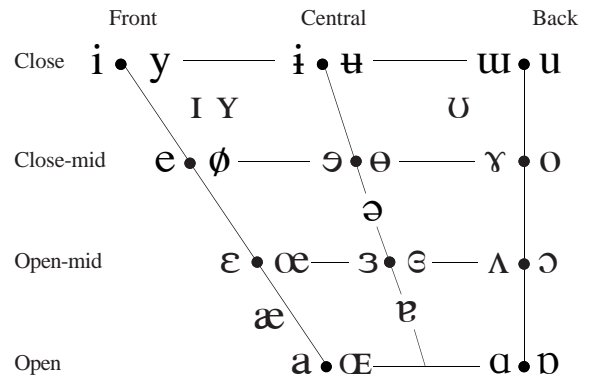
	Bilabial	Labiodental	Dental	Alveolar	Postalveolar	Retroflex	Palatal	Velar	Uvular	Pharyngeal	Glottal
Plosive	p b			t d		ʈ ɖ	c ɟ	k ɡ	q ɢ		ʔ
Nasal	m	ɱ		n		ɳ	ɲ	ŋ	ɴ		
Trill	ʙ			r					ʀ		
Tap or Flap		ⱱ		ɾ		ɽ					
Fricative	ɸ β	f v	θ ð	s z	ʃ ʒ	ʂ ʐ	ç ʝ	x ɣ	χ ʁ	ħ ʕ	h ɦ
Lateral fricative				ɬ ɮ							
Approximant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

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 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

VOWELS



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

OTHER SYMBOLS

- ɱ** Voiceless labial-velar fricative
- ɰ** Voiced labial-velar approximant
- ɲ** Voiced labial-palatal approximant
- ħ** Voiceless epiglottal fricative
- ʕ** Voiced epiglottal fricative
- ʡ** Epiglottal plosive
- ɕ ʑ** Alveolo-palatal fricatives
- ɻ** Voiced alveolar lateral flap
- ɥ** Simultaneous **ɶ** and **x**
- Affricates and double articulations can be represented by two symbols joined by a tie bar if necessary.

k̟p̟ ts̟

SUPRASEGMENTALS

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

DIACRITICS Diacritics may be placed above a symbol with a descender, e.g. **ŋ̥**

◌ ː Voiceless	ɲ̥ ɖ̥	◌ ˑ Breathy voiced	ɓ̑ ɗ̑	◌ ̟ Dental	t̟ d̟
◌ ˑ Voiced	ɲ̑ ɖ̑	◌ ̠ Creaky voiced	ɓ̠ ɗ̠	◌ ̠ Apical	t̠ d̠
◌ ˑ Aspirated	t̑ʰ d̑ʰ	◌ ̡ Linguolabial	t̡ d̡	◌ ̡ Laminal	t̡ d̡
◌ ˑ More rounded	ɔ̑	◌ ̣ Labialized	ṭʷ ḍʷ	◌ ̣ Nasalized	ẽ
◌ ˑ Less rounded	ɔ̟̑	◌ ̤ Palatalized	t̤j d̤j	◌ ̤ Nasal release	d̤ⁿ
◌ ˑ Advanced	ȗ̟	◌ ̥ Velarized	t̥ʷ d̥ʷ	◌ ̥ Lateral release	d̥ˡ
◌ ˑ Retracted	ȇ̠	◌ ̦ Pharyngealized	țʰ d̦ʰ	◌ ̦ No audible release	d̦˞
◌ ˑ Centralized	ẽ	◌ ̧ Velarized or pharyngealized	ɬ̧		
◌ ˑ Mid-centralized	ẽ̟	◌ ̨ Raised	ę (ɹ̨ = voiced alveolar fricative)		
◌ ˑ Syllabic	ɲ̩	◌ ̩ Lowered	e̩ (β̩ = voiced bilabial approximant)		
◌ ˑ Non-syllabic	e̟̩	◌ ̰ Advanced Tongue Root	ḛ		
◌ ˑ Rhoticity	ə̰ ɑ̰	◌ ̱ Retracted Tongue Root	e̱		

TONES AND WORD ACCENTS

- | LEVEL | CONTOUR |
|----------------------------------|------------------------------|
| ẽ̥ or ᵿ Extra high | ẽ̥ or ᵿ Rising |
| é High | ẽ̂ Falling |
| ē Mid | ẽ̃ High rising |
| è Low | ẽ̄ Low rising |
| è̇ Extra low | ẽ̅ Rising-falling |
| ↓ Downstep | ↗ Global rise |
| ↑ Upstep | ↘ Global fall |

QUADRO FONÉTICO SONORO

Baseado no Quadro Fonético Internacional (IPA-2005)

● CONSOANTES* (mecanismo de corrente de ar pulmonar)

> Vibrante bilabial vozeada

	Bilabial	Labi-dental	Dental	Alveolar	Pós-alveolar	Retrofl.	Palatal	Velar	Uvular	Faringal	Epi-glotal	Glotal
Oclusiva	p b			t d		ʈ ɖ	c ɟ	k ɡ	q ɢ		ʕ	ʔ
Nasal	m	ɱ		n		ɳ	ɲ	ŋ	ɴ			
Africada					tʃ dʒ							
Fricativa	ɸ β	f v	θ ð	s z	ʃ ʒ	ɬ ɮ	ç ʝ	x ɣ	χ ʁ	ħ ʕ	ħ ʕ	h ɦ
Fricativa lateral				ɬ ɮ								
Vibrante	ʙ			r					ʀ			
Tepe (ou flepe)				ɽ		ɽ						
Flepe lateral				ɭ								
Aproximante		ʋ		ɹ		ɻ	j	ɰ				
Aprox. lateral				ɭ		ɭ	ʎ	ʟ				

* Em relação aos símbolos que aparecem em pares, o símbolo da direita representa uma consoante vozeada.

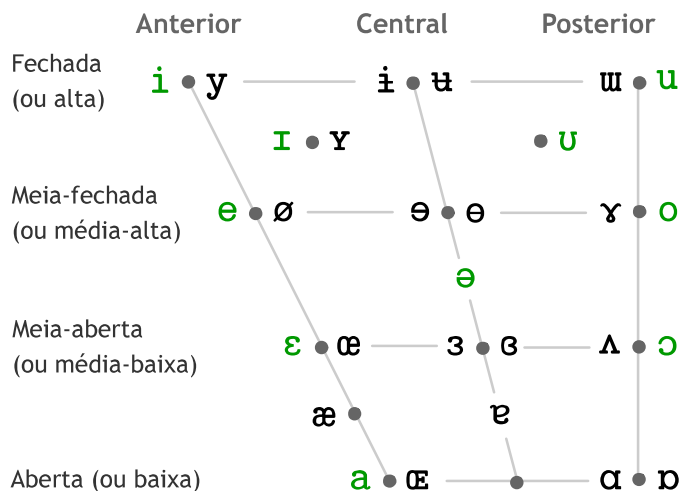
* As áreas em cinza denotam articulações que acredita-se serem impossíveis.

● CONSOANTES

(mecanismo de corrente de ar não-pulmonar)

Cliques	Implosivas vozeadas	Ejectivas
ʘ Bilabial	ɓ Bilabial	ʼ Exemplos:
ǀ Dental	ɗ Dental/Alveolar	ɓ' Bilabial
ǃ Pós-alveolar	ɟ Palatal	ɗ' Dental/Alveolar
ǂ Palato-alveolar	ɡ Velar	ɟ' Velar
ǁ Lateral-alveolar	ɠ Uvular	ɡ' Fricativa alveolar

● VOGAIS**



** Em relação aos símbolos que aparecem em pares, o símbolo da direita representa uma vogal arredondada.

Obs.: os fones em verde ocorrem no Português brasileiro.