THE INTERNATIONAL PHONETIC ALPHABET (revised to 2020)

CONSONANTS (PULMONIC)

⊚ ⊕ ⊚ 2020 IPA

eensening (regimente)																						
	Bilabial		Labiodental		Dental Alveolar		olar	Postalveolar		Retroflex		Palatal		Velar		Uvular		Pharyngeal		Glottal		
Plosive	р	b					t	$\overline{\mathrm{d}}$			t	d	С	J	k	g	q	G			3	
Nasal		\mathbf{m}		ŋ			:	n				η		n		ŋ		N				
Trill		В						r										\mathbf{R}				
Tap or Flap				\mathbf{V}				ſ				τ										
Fricative	ф	β	f	V	θ	ð	\mathbf{s}	\mathbf{z}	ſ	3	ş	Z,	ç	j	x	γ	χ	\mathbf{R}	ħ	?	h	ĥ
Lateral fricative							4	ŀЗ														
Approximant				υ				J				ત		j		щ						
Lateral approximant								l				l		Λ		L						

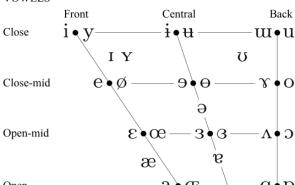
Symbols to the right in a cell are voiced, to the left are voiceless. Shaded areas denote articulations judged impossible.

CONSONANTS (NON-PULMONIC)

Clicks	Voiced implosives	Ejectives
O Bilabial	6 Bilabial	9 Examples:
Dental	d Dental/alveolar	p' Bilabial
! (Post)alveolar	f Palatal	t' Dental/alveolar
+ Palatoalveolar	g Velar	k' Velar
Alveolar lateral	G Uvular	S' Alveolar fricative

VOWELS

Close



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

OTHER SYMBOLS

M Voiceless labial-velar fricative

 \mathbf{W} Voiced labial-velar approximant

U Voiced labial-palatal approximant

H Voiceless epiglottal fricative

 \mathbf{r} Voiced epiglottal fricative

 ${\it 2}$ Epiglottal plosive

J Voiced alveolar lateral flap

Simultaneous and X

Affricates and double articulations can be represented by two symbols joined by a tie bar if necessary.

Open

DIACRITICS

0	Voiceless	ů ď	Breathy voiced b. a. Dental t. d.
_	Voiced	ş ţ	\sim Creaky voiced $\stackrel{b}{\underline{b}}$ $\stackrel{a}{\underline{a}}$ $\stackrel{\Box}{\Box}$ Apical $\stackrel{\Box}{\underline{\Box}}$ $\stackrel{\Box}{\underline{\Box}}$
h	Aspirated	$t^{ m h} \ d^{ m h}$	Linguolabial t d Laminal t d
)	More rounded	Ş	w Labialized t^{w} d^{w} $^{\sim}$ Nasalized \widetilde{e}
c	Less rounded	Ş	$^{\mathrm{j}}$ Palatalized $\mathrm{t^{\mathrm{j}}}$ $\mathrm{d^{\mathrm{j}}}$ $^{\mathrm{n}}$ Nasal release $\mathrm{d^{\mathrm{n}}}$
+	Advanced	ų	$^{\gamma}$ Velarized t^{γ} d^{γ} l Lateral release d^{l}
_	Retracted	ė	$^{\Gamma}$ Pharyngealized t^{Γ} d^{Γ} $^{\neg}$ No audible release d^{\neg}
	Centralized	ë	~ Velarized or pharyngealized }
×	Mid-centralized	ě	Raised $\underbrace{\mathbf{e}}_{\perp}$ ($\underbrace{\mathbf{J}}_{\perp}$ = voiced alveolar fricative)
	Syllabic	ņ	Lowered $e \in \mathcal{F}$ Lowered Lowered Lowered $e \in \mathcal{F}$
^	Non-syllabic	ĕ	Advanced Tongue Root e
1	Rhoticity	or ar	Retracted Tongue Root P

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

SUPRASEGMENTALS

↑ Upstep

501	IC ISLONIEN IN	.23					
- 1	Primary stress	₋ foʊnə tı∫ən					
1	Secondary stres						
I	Long	er					
•	Half-long	$\mathbf{e}^{\mathbf{r}}$					
O	Extra-short	ĕ					
	Minor (foot) gro	oup					
ĺ	Major (intonation	on) group					
•	Syllable break	лі.ækt					
$\overline{}$	Linking (absence	e of a break)					
	TONES AND W	VORD ACCENTS CONTOUR					
é	or TExtra high	\check{e} or \bigwedge Rising					
é	High	ê √ Falling					
ē è ë	Mid	é 1 High rising					
è	Low	è / Low rising					
ë	」 Extra low	ë ↑ Rising-falling					
+	Downstep	Global rise					

Global fall