

# THE INTERNATIONAL PHONETIC ALPHABET (revised to 2018)

## CONSONANTS (PULMONIC)

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

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

## VOWELS

