

Phonetics review: Consonant chart

I. Know these IPA symbols for consonants (the non-shaded ones)

THE INTERNATIONAL PHONETIC ALPHABET (revised to 1993, updated 1996)

CONSONANTS (PULMONIC)

	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			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.

W Voiced labial-velar approximant

- Be able to describe the non-greyed-out consonants in terms of
 - voicing**
 - place of articulation**
 - oral/nasal**
 - manner of articulation** (constriction type)
- Some terms to clarify:
 - “approximant” = “liquid or glide”
 - “plosive” = “oral stop (pulmonic egressive)”
- Some points to watch out for:
 - What is the place of articulation of [w]?
 - What is the manner of articulation (constriction type) of [m n ŋ]?

II. Also know how to convert between these IPA and non-IPA consonant symbols

<i>non-IPA</i>	š	ž	č	ǰ	y
<i>IPA</i>	ʃ	ʒ	tʃ	dʒ	j

- These non-IPA symbols are frequently found in older papers and data sets, especially from before about 2000.