

Table 2.12 English consonants: places and manners of articulation

<i>Manner of articulation</i>		<i>Place of articulation</i>							
		<i>Bilabial</i>	<i>Labiodental</i>	<i>Interdental</i>	<i>Alveolar</i>	<i>Alveopalatal</i>	<i>Palatal</i>	<i>Velar</i>	<i>Glottal</i>
Stop	voiceless	p			t			k	ʔ
	voiced	b			d			g	
Fricative	voiceless		f	θ	s	ʃ			h
	voiced		v	ð	z	ʒ			
Affricate	voiceless					tʃ			
	voiced					dʒ			
Nasal	voiced	m			n			ŋ	
Liquid	voiced lateral				l				
	voiced retroflex				ɭ				
Glide	voiced	w					j	w	
	voiceless	ɱ						ɱ	

Table 2.16 Transcribing English consonants

	<i>Symbol</i>	<i>Word</i>	<i>Transcription</i>	<i>More examples</i>
Stops	[p]	spit	[spɪt]	s <u>p</u> ar, cr <u>isp</u> y, u <u>pp</u> er, cu <u>lp</u> rit, bu <u>mp</u> er
	[b]	bib	[bɪb]	<u>b</u> oat, l <u>ib</u> erate, r <u>ob</u> , <u>bl</u> ast
	[t]	stuck	[stʌk]	<u>st</u> em, hu <u>nt</u> er, nast <u>y</u> , most <u>ly</u>
	[d]	dip	[dɪp]	<u>d</u> ust, sled <u>d</u> , dra <u>ft</u>
	[k]	skip	[skɪp]	scat <u>ter</u> , un <u>cl</u> e, bl <u>ack</u> list, l <u>ik</u> ely
Aspirated Stops	[g]	get	[gɛt]	<u>g</u> ape, mug <u>g</u> er, twig, <u>gl</u> eam
	[p ^h]	pit	[p ^h ɪt]	<u>p</u> ain, u <u>p</u> on, a <u>p</u> art
	[t ^h]	tick	[t ^h ɪk]	<u>t</u> ell, att <u>ir</u> e, t <u>er</u> ror, t <u>u</u> tu
Affricates	[k ^h]	keep	[k ^h ɪp]	<u>c</u> ow, <u>k</u> ernel, r <u>ec</u> ur
	[tʃ]	chip	[tʃɪp]	lun <u>ch</u> , l <u>ech</u> er, d <u>it</u> ch, bel <u>ch</u>
Fricatives	[dʒ]	judge	[dʒʌdʒ]	<u>g</u> erm, <u>j</u> ournal, bu <u>d</u> ge, wed <u>g</u> e
	[f]	fit	[fɪt]	<u>fl</u> ash, cou <u>gh</u> ing, pr <u>oo</u> f, <u>ph</u> legmatic, g <u>o</u> pher
	[v]	vat	[væt]	<u>v</u> ote, <u>o</u> ven, pr <u>o</u> ve
	[θ]	thick	[θɪk]	<u>th</u> ought, <u>eth</u> er, t <u>ee</u> th, <u>th</u> ree, ba <u>th</u> room
	[ð]	though	[ðəʊ]	<u>th</u> en, b <u>oth</u> er, t <u>ee</u> th <u>e</u> , ba <u>th</u> e
	[s]	sip	[sɪp]	<u>ps</u> ychology, f <u>ast</u> en, lun <u>ac</u> y, b <u>ass</u> , c <u>ur</u> se, <u>sc</u> ience
	[z]	zap	[zæp]	<u>X</u> erox, sc <u>iss</u> ors, des <u>ir</u> e, <u>z</u> ipper, f <u>uzz</u> y
	[ʃ]	ship	[ʃɪp]	<u>sh</u> ock, n <u>at</u> ion, m <u>iss</u> ion, gl <u>ac</u> ier, w <u>ish</u>
	[ʒ]	rouge	[ruʒ]	meas <u>ur</u> e, az <u>ur</u> e, v <u>is</u> ual, gar <u>ag</u> e (for some speakers)
Nasals	[h]	hat	[hæt]	<u>wh</u> o, a <u>h</u> oy, fore <u>h</u> ead, b <u>eh</u> ind
	[m]	moat	[mowt]	<u>m</u> ind, h <u>um</u> or, sh <u>im</u> mer, s <u>um</u> , th <u>umb</u>
	[n]	note	[nowt]	<u>n</u> ow, w <u>in</u> ner, a <u>ng</u> el, s <u>ign</u> , w <u>in</u> d
	[ŋ]	sang	[sæŋ]	s <u>ing</u> er, l <u>ong</u> er, b <u>an</u> k, tw <u>in</u> kle, sp <u>ea</u> k <u>ing</u>
Syllabic Nasals	[m̩]	m-m	[ʔm̩ʔm̩]	b <u>ott</u> om, pr <u>ism</u>
	[ŋ̩]	button	[bʌtŋ̩]	J <u>ord</u> an, f <u>att</u> en
Liquids	[l]	leaf	[lif]	<u>l</u> oose, <u>l</u> ock, a <u>l</u> ive, h <u>ail</u>
	[ɹ]	reef	[ɹif]	<u>r</u> od, a <u>rr</u> ive, t <u>ear</u>
Flap	[ɾ]	hitting	[hɪɾɪŋ]	b <u>utt</u> er, m <u>add</u> er, w <u>rit</u> er, r <u>id</u> er, p <u>rett</u> y, a <u>m</u> ity
Syllabic Liquids	[l̩]	huddle	[hʌd̩l̩]	b <u>ott</u> le, n <u>eed</u> le (for many speakers)
	[ɹ̩]	bird	[bɪɹ̩d̩]	<u>ear</u> ly, h <u>urt</u> , st <u>ir</u> , <u>purr</u> , d <u>octor</u> , l <u>ead</u> er
Glides	[j]	yet	[jet]	<u>_</u> use, c <u>_</u> ute, <u>y</u> es
	[w]	witch	[wɪtʃ]	<u>w</u> ait, <u>w</u> eird, <u>qu</u> een, n <u>ow</u>
	[ɰ]	which	[ɰɪtʃ]	<u>wh</u> at, <u>wh</u> ere, <u>wh</u> en (only for some speakers)