

# Appendix B

## *List of World Languages*

Languages are constantly changing. As they grow and evolve, they can branch off or converge. Many languages are known by more than one name, or have alternate spellings. Some languages may be affected by political change. Even linguists differ in their definitions of language. While it is impossible to ascertain exactly how many languages exist on Earth, *The Ethnologue, 14th Ed.*, lists 6,809 living languages worldwide. The following list was adapted from *The World Factbook 2002, The Ethnologue, 14th Ed.*, and the *Directory of Languages Spoken by Students of Limited English Proficiency in New York State Programs*. What may seem like a language omission or oversight may be a difference in spelling or variation on the name. The list below may not be complete or all-inclusive; however, much effort went into making it as accurate as possible.

<b>Afghanistan</b>	Southern Pashto, Eastern Farsi, Uzbek, Turkmen, Brahui, Balochi, Hazaragi
<b>Albania</b>	Tosk Albanian, Gheg Albanian, Macedo-Romanian, Greek, Vlax Romani
<b>Algeria</b>	Arabic (official), French, Kabyle, Chaouia
<b>American Samoa</b>	Samoan, English
<b>Andorra</b>	Catalán (official), French, Spanish
<b>Angola</b>	Portuguese (official), Umbundu, Nyemba, Nyaneka, Loanda-Mbundu, Luchazi, Kongo, Chokwe
<b>Anguilla</b>	English (official), Anguillan Creole English
<b>Antigua and Barbuda</b>	English (official), Antigua Creole English, Barbuda Creole English
<b>Argentina</b>	Spanish (official), Pampa, English, Italian, German, French, Guaraní, Araucano, Quechua
<b>Armenia</b>	Armenian, Russian, North Azerbaijani
<b>Aruba</b>	Dutch (official), Papiamentu, English, Spanish
<b>Australia</b>	English, aboriginal languages
<b>Austria</b>	German, Serbo-Croatian, Alemannisch, Hungarian, Slovenian
<b>Azerbaijan</b>	Azerbaijani (Azeri), Russian, Armenian, Talysh
<b>Bahamas, The</b>	English, Haitian Creole French, Bahamas Creole English
<b>Bahrain</b>	Arabic, English, Western Farsi, Urdu
<b>Bangladesh</b>	Bangla, Bengali, Burmese, Brahui, Urdu, Hindi, English, Chittagonian, Sylheti
<b>Barbados</b>	English, Barbadian Creole English
<b>Belarus</b>	Belorusan, Russian, Polish, Ukrainian, Yiddish
<b>Belgium</b>	Dutch, French, German, Vlaams, Luxembourgeois, Flemish
<b>Belize</b>	English (official), Spanish, Mayan, Garífuna, Belize Creole English
<b>Benin</b>	French (official), Fon, Yoruba Gen-gbe, Gun-gbe, Fulfulde, Bariba, Aja-gbe
<b>Bermuda</b>	English (official), Bermudan English
<b>Bhutan</b>	Dzongkha, Bumthangkha, Chocangacakha, Khengkha, Nepalese, Tshangla
<b>Bolivia</b>	Spanish (official), Quechua (official), Aymara (official), Saramo (Itonama)
<b>Bosnia and Herzegovina</b>	Croatian, Serbian, Bosnian
<b>Botswana</b>	English (official), Tswana, Kalanga
<b>Brazil</b>	Portuguese (official), Spanish, English, French

<b>British Virgin Islands</b>	English (official), Virgin Islands Creole English
<b>Brunei</b>	Malay (official), English, Chinese, Visayak
<b>Bulgaria</b>	Bulgarian, Turkish, Balkan Romani
<b>Burkina Faso</b>	French (official), Moòré, Fulfuldé, Gourmancéma, Songhay, Tamasheq, Nuni, Djula
<b>Burma</b> (now known as Myanmar)	Burmese, Karen, Shan, Hmong, Yangbye
<b>Burundi</b>	Rundi (official), French (official), Swahili
<b>Cambodia</b>	Khmer (official), French, English, Hmong, Cham
<b>Cameroon</b>	English (official), French (official); Fulani, Hausa, Shua Arabic, Sari
<b>Canada</b>	English (official), French (official), Blackfoot, Chipewyan, Cree, Dakota, Hutterite German, Inuktitut, Micmac, Montagnais, Ojibwa, Ottawa, Pennsylvania Dutch, Algonquian
<b>Cape Verde</b>	Portuguese, Kabuverdianu
<b>Cayman Islands</b>	English, Cayman Islands English
<b>Central African Republic</b>	French (official), Sangho (official)
<b>Chad</b>	French (official), Arabic (official), Shua Arabic, Sara
<b>Chile</b>	Spanish, Araucano
<b>China</b>	Mandarin, Yue (Cantonese), Wu (Shanghaiese), Minbei (Fuzhou), Minnan (Hokkien-Taiwanese), Xiang, Gan, Hakka, Jinyu, Hmong, Mongdian, Tibetan, Uyghur, Zhuang, Amoy (Fukienese)
<b>Christmas Island</b>	English (official), Chinese, Malay
<b>Cocos (Keeling) Islands</b>	Malay (Cocos dialect), English
<b>Colombia</b>	Spanish, Palenque, San Andrés Creole English, Páez
<b>Comoros</b>	Arabic (official), French (official), Comorian, Shingazidja
<b>Congo, Democratic Republic of the</b>	French (official), Lingala, Kongo, Luba-Kosai, Congo Swahili, Bangala, Kikongo, Luba-Katanga, Tshiluba
<b>Congo, Republic of the</b>	French (official), Kikongo, Lingala, Monokutuba
<b>Cook Islands</b>	English (official), Maori
<b>Costa Rica</b>	Spanish (official), Limón Creole English
<b>Cote d'Ivoire</b>	French (official), Baoulé, Dan, Senoufo, Djula
<b>Croatia</b>	Croatian, Italian, Venetian, Slovenian
<b>Cuba</b>	Spanish
<b>Cyprus</b>	Greek, Turkish, English
<b>Czech Republic</b>	Czech, German, Polish, Carpathian Romani
<b>Denmark</b>	Danish, Faeroese, Greenlandic Inuktitut, German
<b>Djibouti</b>	French (official), Arabic, Somali, Afar
<b>Dominica</b>	English (official), Carriibbean Creole English, Dominica Creole French
<b>Dominican Republic</b>	Spanish, Haitian Creole French
<b>East Timor</b>	Tetun (official), Portuguese (official), Galole, Mambae, Kemak
<b>Ecuador</b>	Spanish (official), Quechua
<b>Egypt</b>	Arabic (official), Sudanese Arabic, Domari
<b>El Salvador</b>	Spanish, Kekchí, Nahua
<b>Equatorial Guinea</b>	Spanish (official), Fernando Po Creole English, Fang, Bubi, Seki
<b>Eritrea</b>	Afar, Amharic, Arabic, Kunama, Tigre, Tigrigna, Bedawi
<b>Estonia</b>	Estonian (official), Russian, Ukrainian, Finnish, Belarusan
<b>Ethiopia</b>	Amharic (aka Ethiopian), Tigrigna, Oromigna, Oromo, Guaragigna, Somali, Arabic, Sidamgna, Tigre, Sudanese Arabic
<b>Falkland Islands</b> (Islas Malvinas)	English
<b>Faroe Islands</b>	Faeroese, Danish
<b>Fiji</b>	English (official), Fijian, Fijian Hindustani
<b>Finland</b>	Finnish (official), Swedish (official), Lapp, Russian, Karelian
<b>France</b>	French, Provençal, Breton, Alsatian, Corsican, Catalán, Basque, Vlaams

<b>French Guiana</b>	French, Guianese Creole French
<b>French Polynesia</b>	French (official), Tahitian (official), Hakka Chinese, Tuamotuan
<b>Gabon</b>	French (official), Fang, Myene, Nzebi, Mbere
<b>Gambia, The</b>	English (official), Fulani, Malinke, Mandinka, Wolof
<b>Gaza Strip</b>	Arabic, Hebrew, English
<b>Georgia</b>	Georgian (official), Osetin, Russian, Armenian, Azeri, Abkhaz, Mingrelian
<b>Germany</b>	German, Saxon, Yiddish
<b>Ghana</b>	English (official); Akan, Moshi-Dagomba, Éwé, Ga, Adangme, Gurma, Dagomba, Hausa, Fante (Fanti)
<b>Gibraltar</b>	English, Spanish
<b>Greece</b>	Greek (official), English, Turkish, Western Farsi
<b>Greenland</b>	Greenlandic Inuktitut, Danish, English
<b>Grenada</b>	English (official), Grenada Creole English, Lesser Antillean Creole French
<b>Guadeloupe</b>	French (official), Guadeloupe Creole French
<b>Guam</b>	English, Chamorro, Japanese
<b>Guatemala</b>	Spanish, Quiché, Cakchiquel, Kekchí, Mam, Garífuna
<b>Guernsey</b>	English, French, Norman-French dialect spoken in country districts
<b>Guinea</b>	French (official), Fulani, Malinke
<b>Guinea-Bissau</b>	Portuguese (official), Crioulo, Fulani, Balante, Malinke.
<b>Guyana</b>	English, Arawak, Guyanese Creole English, Carribean Hindustani, Urdu
<b>Haiti</b>	French (official), Haitian Creole (official)
<b>Holy See</b> (State of the Vatican City)	Italian, Latin, French, various other languages
<b>Honduras</b>	Spanish, Garífuna
<b>Hong Kong</b>	Chinese (Cantonese), English; both are official
<b>Hungary</b>	Hungarian
<b>Iceland</b>	Icelandic
<b>India</b>	Assamese, Bengali (Bangla), Gujarati, Hindi, Kannada, Kashmiri, Malayalam, Marathi, Oriya, Punjabi, Sindhi, Tamil, Telugu, Urdu, English, Knowar, Bhili, Birhor, Nepali, Shina
<b>Indonesia</b>	Bahasa Indonesian (official), Aceh, Balinese, Batak, Bugis, Dutch, Madura, Malay, Sunda, Javanese
<b>Iran</b>	Western Farsi (official) , Arabic, Azeri, Balochi, Gilaki, Kurdish, Luri, Turkish, Baharlu, Brahui
<b>Iraq</b>	Arabic, Assyrian, Armenian, Azeri, Kurdish, Western Farsi
<b>Ireland</b>	English, Irish Gaelic
<b>Israel</b>	Hebrew (official), Arabic, English, Yiddish
<b>Italy</b>	Italian (official), French, German, Neapolitano-Calabrese, Piemontese, Sardinian, Sicilian, Slovenian, Venetian
<b>Jamaica</b>	English, Jamaican Creole English
<b>Japan</b>	Japanese
<b>Jersey</b>	English (official), French (official), Norman-French dialect spoken in country districts
<b>Jordan</b>	Arabic (official)
<b>Kazakhstan</b>	Kazakh (Qazaq, state language), Russian
<b>Kenya</b>	English (official), Kiswahili (official), Kikuyu, Kamba, Luo, Oromo, Somali
<b>Kiribati</b>	Kiribati, English (official)
<b>Korea, North</b>	Korean
<b>Korea, South</b>	Korean
<b>Kuwait</b>	Arabic (official)
<b>Kyrgyzstan</b>	Kyrgyz, Russian
<b>Laos</b>	Lao (official), Hmong
<b>Latvia</b>	Latvian (official), Lithuanian, Russian, Belarusian, Polish, Ukrainian
<b>Lebanon</b>	Arabic (official), French, English, Armenian

<b>Lesotho</b>	Southern Sotho (official), English (official), Zulu, Xhosa
<b>Liberia</b>	English (official), Grebo, Kpelle
<b>Libya</b>	Arabic
<b>Liechtenstein</b>	German (official), Alemannisch
<b>Lithuania</b>	Lithuanian (official), Polish, Russian
<b>Luxembourg</b>	Luxembourgish, German, French
<b>Macau</b>	Portuguese, Chinese (Cantonese)
<b>Macedonia</b> (The Former Yugoslav Republic of)	Macedonian, Albanian, Turkish, Serbo-Croatian,
<b>Madagascar</b>	French (official), Malagasy (official), Bushi
<b>Malawi</b>	English (official), Chichewa (official), Afrikaans, Zulu
<b>Malaysia</b>	Bahasa Melayu (official), Cantonese, Mandarin, Hokkien, Hakka, Hainan, Foochow, English, Malayalam, Punjabi, Tamil, Telugu, Thai
<b>Maldives</b>	Maldivian
<b>Mali</b>	French (official), Bambara, Fulani
<b>Malta</b>	Maltese (official), English (official)
<b>Man, Isle of</b>	English, Manx Gaelic
<b>Marshall Islands</b>	Marshallese, English
<b>Martinique</b>	French, Martinique Creole French
<b>Mauritania</b>	Hassaniya Arabic (official), French, Pulaar, Soninke, Wolof
<b>Mauritius</b>	English (official), Bhojpuri, French, Hakka, Mauritius French Creole,
<b>Mayotte</b>	French (official language), Bushi, Comorian, Swahili
<b>Mexico</b>	Spanish (official), Maya, Mixteco, Otomí, Yaqui, Zapoteco, Nahuatl, Seri
<b>Micronesia, Federated States of</b>	English (official), Trukese, Pohnpean, Yapese, Kosrean, Ulithian, Woleaian, Nukuoro, Kapingamarangi
<b>Moldova</b>	Moldovan (official – identical to Romanian), Bulgarian, Gagauz, Russian, Ukrainian
<b>Monaco</b>	French (official), English, Italian, Monegasque, Provençal
<b>Mongolia</b>	Khalkha Mongol (official), Kalmyk-Oirat, Kazhak, Russian
<b>Montserrat</b>	English, Montserrat Creole English
<b>Morocco</b>	Arabic (official), Tachelhit, Tamazight, Tarifit, Shluh
<b>Mozambique</b>	Portuguese (official), Lomwe, Makhuwa, Sena, Tsonga
<b>Namibia</b>	English (official), Afrikaans, Herero, Nama, Ndongo
<b>Nauru</b>	Nauruan (official), English
<b>Nepal</b>	Nepali (official), Bhojpuri, Maithili
<b>Netherlands</b>	Dutch (official), West Frisian (official), Drents (official), Gronings (official), Westerwold (official)
<b>Netherlands Antilles</b>	Dutch (official), English, Papiamentu, Virgin Islands Creole English
<b>New Caledonia</b>	French (official), Melanesian
<b>New Zealand</b>	English (official), Maori (official)
<b>Nicaragua</b>	Spanish (official), Garífuna, Miskito
<b>Niger</b>	French (official), Arabic, Djerma, Fulfulde, Gourmanchéma, Hausa, Kanuri, Shua Arabic, Tamajaq, Tubu
<b>Nigeria</b>	Edo, Efik, English, Fulani, Hausa, Igbo, Idoma, Kanuri, Shua Arabic, Yoruba
<b>Niue</b>	Niuean, English
<b>Norfolk Island</b>	English (official), Pitcairn English
<b>Northern Mariana Islands</b>	English, Chamorro, Carolinian
<b>Norway</b>	Norwegian (official)
<b>Oman</b>	Arabic (official), Balochi, Jibbali, Western Farsi
<b>Pakistan</b>	Urdu (official), Sindhi (official), English (official), Balochi, Brahui, Burushaski, Hindko, Pashto, Punjabi, Siraiki, Kashmiri, Shina
<b>Palau</b>	English, Palauan, Sonsoral

<b>Panama</b>	Spanish (official), Panamanian Creole English
<b>Papua New Guinea</b>	Aiku, Tok Pisin, 832 other indigenous languages
<b>Paraguay</b>	Spanish (official), Guaraní (official)
<b>Peru</b>	Spanish (official), Quechua (official), Aymara
<b>Philippines</b>	Tagalog, English, Cebuano, Ilocano, Hiligaynon, Bicolano, Waray, Pampango, Pangasinan, Pilipino
<b>Pitcairn Islands</b>	English (official), Pitcairn English
<b>Poland</b>	Polish, Yiddish, Ukrainian, Belarusan, German
<b>Portugal</b>	Portuguese
<b>Puerto Rico</b>	Spanish, English
<b>Qatar</b>	Arabic (official), Western Farsi
<b>Reunion</b>	French (official), Réunion Creole French
<b>Romania</b>	Romanian, German, Hungarian, Serbo-Croatian, Turkish, Yiddish
<b>Russia</b>	Russian, Belarusan, Chechen, Armenian, Azeri, Kasakh, Osetin, Ukrainian
<b>Rwanda</b>	Rwanda (official), French (official), English (official)
<b>Saint Helena</b>	English
<b>Saint Kitts and Nevis</b>	English, St. Kitts Creole English
<b>Saint Lucia</b>	English (official), St. Lucia Creole French
<b>Saint Pierre and Miquelon</b>	French, English
<b>Saint Vincent and the Grenadines</b>	English, Vincentian Creole English
<b>Samoa</b>	Samoan, English
<b>San Marino</b>	Italian, Emiliano-Romagnolo
<b>Sao Tome and Principe</b>	Portuguese (official), São Tomense, Principense, Angolar
<b>Saudi Arabia</b>	Arabic, South Arabic
<b>Senegal</b>	French (official), Wolof, Pulaar, Jola, Mandinka, Malinke, Serere-Sine, Soninke
<b>Serbia and Montenegro</b>	Serbian (Serbo-Croatian), Albanian
<b>Seychelles</b>	English (official), French (official), Seselwa Creole French
<b>Sierra Leone</b>	English, Mende, Themne, Krio
<b>Singapore</b>	Mandarin Chinese (official), Malay (official and national), Bengali (official), Tamil (official), English (official)
<b>Slovakia</b>	Slovak (official), Hungarian
<b>Slovenia</b>	Slovenian, Serbo-Croatian
<b>Solomon Islands</b>	Melanesian, Solomons Pidgin, English
<b>Somalia</b>	Somali (official), Arabic, English
<b>South Africa</b>	Afrikaans, English, Ndebele, Northern Sotho, Southern Sotho, Swazi, Tsonga, Tswana, Venda, Xhosa, Zulu
<b>Spain</b>	Spanish (official), Catalán, Galician, Basque
<b>Sri Lanka</b>	Sinhala, Tamil, English
<b>Sudan</b>	Arabic (official), Sudanese Spoken Arabic, Bedawi, Dinka, Fur, Hausa, Zande
<b>Suriname</b>	Dutch (official), English (widely spoken), Sranang Tongo, Caribbean Hindustani, Caribbean Javanese, Guyanese Creole English
<b>Svalbard</b>	Russian, Norwegian
<b>Swaziland</b>	Swati (official), English (official), Zulu
<b>Sweden</b>	Swedish, Finnish
<b>Switzerland</b>	German (official), French (official), Italian (official), Romansch, Alemannisch
<b>Syria</b>	Arabic (official); Kurdish, Armenian, Assyrian Neo-Aramaic
<b>Taiwan</b>	Mandarin Chinese (official), Taiwanese (Min Nan), Hakka Chinese
<b>Tajikistan</b>	Tajiki (official), Russian, Northern Uzbek
<b>Tanzania</b>	Swahili (official), Kiunguju, English, Arabic, Sukuma
<b>Thailand</b>	Thai, Chinese, Malay, Hmong, Karen

<b>Togo</b>	French, Éwé, Mina, Kabiye, Dagomba, Gurma, Hausa
<b>Tokelau</b>	Tokelauan, English
<b>Tonga</b>	Tonga, English
<b>Trinidad and Tobago</b>	English (official), Caribbean Hindustani, Spanish, Trinidadian Creole English, Trinidadian Creole French, Tobagonian Creole English
<b>Tunisia</b>	Arabic (official), French
<b>Turkey</b>	Turkish (official), Kurdish, Arabic, Armenian, Greek, Bulgarian, Azeri, Serbo-Croatian, Kabardian
<b>Turkmenistan</b>	Turkmen, Russian, Uzbek
<b>Turks and Caicos Islands</b>	English (official), Turks and Caicos Creole English
<b>Tuvalu</b>	Tuvaluan, Kiribati
<b>Uganda</b>	English, Ganda (Luganda), Lango, Masaba, Nyankore, Rwanda, Soga, Swahili, Teso, Tooro
<b>Ukraine</b>	Ukrainian, Russian, Romanian, Polish, Hungarian
<b>United Arab Emirates</b>	Arabic (official), English, Hindi, Western Farsi, Pashto, Balochi
<b>United Kingdom</b>	English, Irish Gaelic, Scots, Scots Gaelic, Welsh
<b>United States</b>	English, Spanish, Hawaiian, Hawaii Creole English, Apache, Cherokee, Choctaw, Dakota, Cajun French, Pennsylvania Dutch, Inupiat, Keres, Lakota, Louisiana Creole French, Mowhawk, Seneca, Muskogee, Navajo, Ojibwa, Sea Island Creole English, Shoshoni, Yupik, Zuni, Algonquian, Oneida
<b>Uruguay</b>	Spanish, Portunol, or Brazilerio (Portuguese-Spanish mix on the Brazilian frontier)
<b>Uzbekistan</b>	Uzbek, Russian, Tajik
<b>Vanuatu</b>	Bislama, Melanesian, English, French
<b>Venezuela</b>	Spanish (official), Warao, Wayuu, Yanomamö
<b>Vietnam</b>	Vietnamese (official), Hmong, Chinese, Khmer, Muong, Nung, Tày
<b>Virgin Islands</b>	English (official), Spanish, Virgin Islands Creole English
<b>Wallis and Futuna</b>	French, Wallisian (indigenous Polynesian language)
<b>West Bank</b>	Arabic, Hebrew, English
<b>Western Sahara</b>	Hassaniya Arabic, Moroccan Arabic
<b>Yemen</b>	Standard Arabic, Sanaani Spoken Arabic, Ta'izzi-Adeni Spoken Arabic
<b>Yugoslavia</b>	Serbian, Albanian, Hungarian, Romanian
<b>Zambia</b>	English (official), Bemba, Kaonda, Lala-Biza, Lozi, Lunda, Luvale, Mambwe-Lunga, Nyanja, Tonga, Tumbuka
<b>Zimbabwe</b>	English (official), Afrikaans, Manyika, Ndau, Ndebele, Nyanja, Shona

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.

CONSONANTS (NON-PULMONIC)

Clicks	Voiced implosives	Ejectives
◌ Bilabial	ɓ Bilabial	ʼ as in:
Dental	ɗ Dental/alveolar	p' Bilabial
! (Post)alveolar	ɟ Palatal	t' Dental/alveolar
≠ Palatoalveolar	ɡ Velar	k' Velar
Alveolar lateral	ɠ Uvular	s' Alveolar fricative

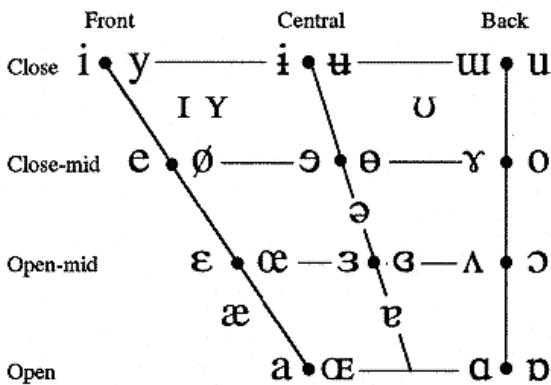
SUPRASEGMENTALS

Primary stress ' founə'tɪʃən  
 Secondary stress ˈ ei  
 Long ː ei  
 Half-long ˑ ei  
 Extra-short ˑ̈ ei  
 Syllable break . ii.ækt  
 Minor (foot) group | ei  
 Major (intonation) group || ei  
 Linking (absence of a break) ˌ ei

TONES & WORD ACCENTS

	LEVEL	CONTOUR
˥	Extra high	˩ or ˨˩ Rising
˦	High	˩ Falling
˧	Mid	˩ High rising
˨	Low	˩ Low rising
˨˩	Extra low	˩ Rising-falling etc.
↓	Downstep	↗ Global rise
↑	Upstep	↘ Global fall

VOWELS



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

OTHER SYMBOLS

- ʍ Voiceless labial-velar fricative
- ʋ Voiced labial-velar approximant
- ɥ Voiced labial-palatal approximant
- ħ Voiceless epiglottal fricative
- ʕ Voiced epiglottal fricative
- ʡ Epiglottal plosive
- ç ʒ Alveolo-palatal fricatives
- ɻ Alveolar lateral flap
- ɣ Simultaneous ʃ and x
- Affricates and double articulations can be represented by two symbols joined by a tie bar if necessary.
- kp̚ ts̚

DIACRITICS

Diacritics may be placed above a symbol with a descender, e.g. ɲ̰

◌ Voiceless	̥ n̥ d̥	◌ Breathy voiced	̤ b̤ a̤	◌ Dental	̪ t̪ d̪
◌ Voiced	̚ s̚ t̚	◌ Creaky voiced	̜ b̜ a̜	◌ Apical	̽ t̽ d̽
◌ Aspirated	ʰ tʰ dʰ	◌ Linguolabial	̼ t̼ d̼	◌ Laminal	̾ t̾ d̾
◌ More rounded	◌ ɔ̹	◌ Labialized	̜ t̜ d̜	◌ Nasalized	̃ ẽ
◌ Less rounded	◌ ɔ̜	◌ Palatalized	ʲ tʲ dʲ	◌ Nasal release	ᵀ dᵀ
◌ Advanced	̟ ɸ	◌ Velarized	̤ t̤ d̤	◌ Lateral release	ᵀ dᵀ
◌ Retracted	̠ ɸ	◌ Pharyngealized	̜ t̜ d̜	◌ No audible release	ᵀ dᵀ
◌ Centralized	̞ ẽ	◌ Velarized or pharyngealized	̤ t̤		
◌ Mid-centralized	̟ ẽ	◌ Raised	̥ ɸ (ɹ̥ = voiced alveolar fricative)		
◌ Syllabic	̩ ɹ̩	◌ Lowered	̜ ɸ (β̜ = voiced bilabial approximant)		
◌ Non-syllabic	̯ ɹ̯	◌ Advanced Tongue Root	̟ ɸ		
◌ Rhoticity	̰ ɹ̰	◌ Retracted Tongue Root	̠ ɸ		

