# Overview of the voices available in AsTeRICS GRID

## iPad

- Recommended browser: Firefox

- Online and offline voices made available by Apple are listed in the drop-down list of voices in AsTeRICS GRID. The quality varies.

- A few of these voices are listed by Apple as "male" but don't sound deep. It might be a mistake by Apple or possibly a male teen before voice break.

- The current system voice (Accessibility > Spoken Content > Voice) is available offline and is mostly high quality. It doesn't get listed in the dropdown but activates when the voice is set to default. The iPad language must be set to that language (General > Language & Region) for the voice to work. If multiple voices for that language have been downloaded, the one first listed in the settings will be used. Changing the order in the settings is not possible, so only download the voice you want to use.

- Since only the current system voice is available, it's not possible to combine system voices for multilingual users, but it's possible to combine one system voice with the offline and online voices from the browser

| Language | Female voice | Male Voice | Child Voice | system / offline / online | Name |
|---|---|---|---|---|---|
| Arabic | x | x | | system | |
| Bangla | x | | | system | |
| Basque | x | | | system | |
| Bhojpuri | x | | | system | |
| Bulgarian | x | | | system | |
| Catalan | x | x | | system | |
| Chinese, Hongkong (Cantonese) | x | x | | system | |
| Chinese, Mandarin | x | x | | system | |
| Chinese, Shanghainese | x | | | system | |
| Croatian | x | | | system | |
| Czech | x | | | system | |
| Danish | x | x | | system | |
| Dutch | x | x | | system | |
| English, Australia | x | x | | system | |
| English, India | x | x | | system | |
| English, Ireland | x | x (Siri) | | system | |
| English, Scotland | x | | | system | |
| English, South Africa | x | x (Siri) | | system | |
| English, UK | x | x | | system | |
| English, US | x | x | | system | |

| Finnish | x | x | | system | |
|---|---|---|---|---|---|
| French | x | x | | system | |
| Galician | x | | | system | |
| German | x | x | | system | |
| Greek | x | x | | system | |
| Hebrew | x | x (Siri) | | system | |
| Hindi | x | x | | system | |
| Hungarian | x | | | system | |
| Indonesian | x | | | system | |
| Italian | x | x | | system | |
| Japanese | x | x | | system | |
| Kannada | x | | | system | |
| Kazakh | x | | | system | |
| Korean | x | x | | system | |
| Lithuanian | x | | | system | |
| Malay | x | | | system | |
| Marathi | x | | | system | |
| Norwegian, Bokmål | x | x | | system | |
| Persian | | x | | system | |
| Polish | x | x | | system | |
| Portuguese | x | x | | system | |
| Portuguese, Brazil | x | x | | system | |
| Romanian | x | | | system | |
| Russian | x | x | | system | |
| Slovak | x | | | system | |
| Slovenian | x | | | system | |
| Spanish | x | x | | system | |
| Spanish, Argentinia | x | x | | system | |
| Spanish, Chile | x | | | system | |
| Spanish, Colombia | x | x | | system | |
| Spanish, Mexico | x | x | | system | |
| Swedish | x | x | | system | |
| Tamil | x | | | system | |
| Telugu | x | | | system | |
| Thai | x | | | system | |
| Turkish | x | x | | system | |
| Ukrainian | x | | | system | |
| Vietnamese | x | | | system | |
| Arabic | | x | | offline | Majed |
| Bulgarian | x | | | offline | Daria |
| Catalan | x | | | offline | Montse |
| Chinese | x | | | offline | Tingting |
| Chinese, Hong Kong | x | | | offline | Sinji |

| | | | | | |
|---|---|---|---|---|---|
| Chinese, Taiwan | x | | | offline | Meijia |
| Croatian | x | | | offline | Lana |
| Czech | x | | | offline | Zuzana |
| Danish | x | | | offline | Sara |
| Dutch | | x | | offline | Xander |
| Dutch, Belgium | x | | | offline | Ellen |
| English, Ireland | x | | | offline | Moira |
| English, South Africa | x | | | offline | Tessa |
| Finnish | x | | | offline | Satu |
| French | | x | | offline | Thomas, Jacques |
| Greek | x | | | offline | Melina |
| Hebrew | x | | | offline | Carmit |
| Hindi | x | | | offline | Lekha |
| Hungarian | x | | | offline | Tünde |
| Indonesian | x | | | offline | Damayanti |
| Japanese | x | | | offline | Kyoko |
| Malay | x | | | offline | Amira |
| Norwegian, Bokmål | x | | | offline | Nora |
| Polish | x | | | offline | Zosia |
| Portuguese | x | | | offline | Joana |
| Romanian | x | | | offline | Ioana |
| Russian | x | | | offline | Milena |
| Slovak | x | | | offline | Laura |
| Swedish | x | | | offline | Alva |
| Thai | x | | | offline | Kanya |
| Ukrainian | x | | | offline | Lesya |
| Vietnamese | x | | | offline | Linh |
| Afrikaans | | | male teen? | online | |
| Albanian | | x | | online | |
| Arabic | x | x | | online | |
| English, Australia | x | x | | online | |
| Bangla, Bangladesh | listed as female, sounds male | x | | online | |
| Bangla, India | x | x | | online | |
| Bosnian | | x | | online | |
| Catalan | | | male teen? | online | |
| Chinese | x | x | | online | |
| Chinese, Hong Kong | x | | | online | |

| | | | | | |
|---|---|---|---|---|---|
| Chinese, Hong Kong | | x | | online | |
| Chinese, Taiwan | x | x | | online | |
| Croatian | | x | | online | |
| Czech | x | | | online | |
| Danish | x | | | online | |
| Dutch | x | x | | online | |
| English, UK Fallback | x | | | online | |
| English, UK | x | x | | online | |
| English, US | x | x | | online | |
| Estonian | | x | | online | |
| Filipino | x | | | online | |
| Finnish | x | | | online | |
| French | x | x | | online | |
| French Canadian | x | x | | online | |
| German | x | x | | online | |
| Greek | x | | | online | |
| Hindi | x | x | | online | |
| Hungarian | x | | | online | |
| Icelandic | | x | | online | |
| Indonesian | x | x | | online | |
| Italian | x | x | | online | |
| Japanese | x | x | | online | |
| Korean | x | x | | online | |
| Latin | | x | | online | |
| Latvian | | x | | online | |
| Moldavian | x | | | online | |
| Montenegrin | | | male teen? | online | |
| Nepali | x | | | online | |
| Norwegian | x | x | | online | |
| Polish | x | x | | online | |
| Portuguese | x | x | | online | |
| Portuguese, Brazilian | x | | | online | |
| Romanian | x | | | online | |
| Russian | x | | | online | |
| Serbian | | | male teen? | online | |
| Serbo-Croatian | | x | | online | |
| Sinhala | x | | | online | |
| Slovak | x | | | online | |
| Spanish | x | | | online | |
| Spanish, Latin American | x | x | | online | |
| Swahili | | x | | online | |

| | | | | | |
|---|---|---|---|---|---|
| Swedish | x | x | | online | |
| Tamil | x | x | | online | |
| Thai | x | x | | online | |
| Turkish | x | x | | online | |
| Ukrainian | x | | | online | |
| Vietnamese | x | x | | online | |

# Windows Tablet

- Recommended browser: Microsoft Edge.
- Microsoft's online and offline voices are listed in the drop-down list of voices in AsTeRICS GRID. The quality of offline voices is generally lower than that of the online voices.
- While Microsoft often offers multiple versions for a language, differentiating by country, the voices do not always reflect the specific accent or dialect specific to that country!
- Microsoft does not explicitly label child voices. A few voices with female names sound very young. In the table, a cross was only marked if the voice distinctly sounded like a child. That said, several other "female" voices could also be used as child voices. A few of the voices are listed by Microsoft as "male" but don't sound deep. It might be a mistake by Microsoft or possibly a male teen before voice break.
- Voices installed through third-party software (e.g., CereProc) don't appear to work in the browser.

| Language | Female voice | Male Voice | Child Voice | offline / online |
|---|---|---|---|---|
| Bulgarian (Bulgaria) | | x | | offline |
| Catalan (Spain) | x | | | offline |
| Chinese (Simplified PRC) | x | | | offline |
| Chinese (Traditional  Hong Kong S.A.R.) | x | x | | offline |
| Croatian (Croatia) | | x | | offline |
| Czech (Czech Republic) | | x | | offline |
| Danish (Denmark) | x | | | offline |
| Dutch (Belgium) | | x | | offline |
| English (Australia) | x | x | | offline |
| English (Canada) | x | x | | offline |
| English (Ireland) | | x | | offline |
| English (United Kingdom) | x | x | | offline |
| English (United States) | x | x | | offline |
| Finnish (Finland) | x | | | offline |
| French (Canada) | x | x | | offline |
| French (France) | x | x | | offline |
| French (Switzerland) | | x | | offline |
| German (Austria) | | x | | offline |
| German (Germany) | x | x | | offline |
| German (Switzerland) | | x | | offline |
| Greek (Greece) | | x | | offline |
| Hebrew {Israel) | | x | | offline |
| Hindi (India) | x | x | | offline |
| Hungarian (Hungary) | | x | | offline |
| Indonesian (Indonesia) | | x | | offline |
| Italian (Italy) | x | x | | offline |
| Japanese (Japan) | x | x | | offline |

| | | | | | |
|---|---|---|---|---|---|
| Malay (Malaysia) | | x | | offline |
| Norwegian (Bokmål Norway) | | x | | offline |
| Polish (Poland) | x | x | | offline |
| Portuguese (Brazil) | x | x | | offline |
| Portuguese (Portugal) | x | | | offline |
| Romanian (Romania) | | x | | offline |
| Russian (Russia) | | x | | offline |
| Slovak (Slovakia) | | x | | offline |
| Slovenian (Slovenia) | | x | | offline |
| Spanish (Mexico) | x | x | | offline |
| Spanish (Spain) | x | x | | offline |
| Swedish | | x | | offline |
| Thai (Thailand | | x | | offline |
| Turkish (Turkey) | | x | | offline |
| Vietnamese (Vietnam) | | x | | offline |
| Afrikaans (South Africa) | x | x | | online |
| Albanian (Albania) | x | x | | online |
| Amharic (Ethiopia) | x | x | | online |
| Arabic (Algeria) | x | x | | online |
| Arabic (Bahrain) | x | x | | online |
| Arabic (Egypt) | x | x | | online |
| Arabic (Iraq) | x | x | | online |
| Arabic (Jordan) | x | x | | online |
| Arabic (Kuwait) | x | x | | online |
| Arabic (Lebanon) | x | x | | online |
| Arabic (Libya) | x | x | | online |
| Arabic (Morocco) | x | x | | online |
| Arabic (Oman) | x | x | | online |
| Arabic (Qatar) | x | x | | online |
| Arabic (Saudi Arabia) | x | x | | online |
| Arabic (Syria) | x | x | | online |
| Arabic (Tunisia) | x | x | | online |
| Arabic (United Arab Emirates) | x | x | | online |
| Arabic (Yemen) | x | x | | online |
| Arabic, online | x | x | | online |
| Armenian Male, online | | x | | online |
| Azerbaijani (Azerbaijan) | x | x | | online |
| Bangla (Bangladesh) | x | x | | online |
| Bangla (India) | | x | | online |
| Bangla India, online | x | x | | online |
| Bengali (India) | x | | | online |
| Bosnian (Bosnia) | x | x | | online |
| Bosnian, online | | x | | online |

| | | | | |
|---|---|---|---|---|
| Bulgarian (Bulgaria) | x | x | | online |
| Burmese (Myanmar) | x | x | | online |
| Catalan (Spain) | x | x | | online |
| Central Khmer (Cambodia) | x | x | | online |
| Chinese (Cantonese Traditional) | x | | | online |
| Chinese (Hong Kong) | x | | | online |
| Chinese (Hong Kong) | x | x | | online |
| Chinese (Mainland) | x | x | x | online |
| Chinese (Northeastern Mandarin) | x | | | online |
| Chinese (Taiwan) | x | x | | online |
| Chinese (Taiwanese Mandarin) | x | | | online |
| Chinese (Zhongyuan Mandarin Shaanxi) | x | | | online |
| Chinese Male, online | x | | | online |
| Croatian (Croatia) | x | x | | online |
| Czech (Czech Republic) | x | x | | online |
| Danish (Denmark) | x | x | | online |
| Dutch (Belgium) | x | x | | online |
| Dutch (Netherlands) | x | x | | online |
| English (Australia) | x | x | | online |
| English (Canada) | x | x | | online |
| English (Hongkong) | x | x | | online |
| English (India) | x | | | online |
| English (Ireland) | x | x | | online |
| English (Kenya) | | x | | online |
| English (New Zealand) | x | | | online |
| English (Nigeria) | x | x | | online |
| English (Nigeria) | | x | | online |
| English (Philippines) | x | x | | online |
| English (Singapore) | x | x | | online |
| English (South Africa) | x | x | | online |
| English (Tanzania) | x | x | | online |
| English (United Kingdom) | x | x | x | online |
| English (United States) | x | x | x | online |
| Estonian (Estonia) | x | x | | online |
| Filipino (Philippines) | x | x | | online |
| Finnish (Finland) | x | x | | online |
| French (Belgium) | x | x | | online |
| French (Canada) | x | x | | online |
| French (France) | x | x | x | online |
| French (Switzerland) | x | x | | online |
| Galician (Spain) | x | x | | online |
| Georgian (Georgia) | x | x | | online |

| | | | | |
|---|---|---|---|---|
| German (Austria) | x | x | | online |
| German (Germany) | x | x | | online |
| German (Switzerland) | x | x | | online |
| Greek (Greece) | x | x | | online |
| Gujarati (India) | x | x | | online |
| Hebrew (Israel) | x | x | | online |
| Hindi (India) | x | x | | online |
| Hungarian (Hungary) | x | x | | online |
| Icelandic (Iceland) | x | x | | online |
| Indonesian (Indonesia) | x | x | | online |
| Inuktitut (Canada) | x | x | | online |
| Irish (Ireland) | x | x | | online |
| Italian (Italy) | x | x | | online |
| Japanese (Japan) | x | x | | online |
| Javanese (Indonesia) | x | x | | online |
| Kannada (India) | x | x | | online |
| Kazakh (Kazakhstan) | x | x | | online |
| Korean (Korea) | x | x | | online |
| Lao (Laos) | x | x | | online |
| Latin, online | | x | | online |
| Latvian (Latvia) | x | x | | online |
| Lithuanian (Lithuania) | x | x | | online |
| Macedonian (Republic of North Macedonia) | x | x | | online |
| Malay (Malaysia) | x | x | | online |
| Malayalam (India) | x | x | | online |
| Maltese (Malta) | x | x | | online |
| Marathi (India) | x | x | | online |
| Moldavian, online | x | | | online |
| Mongolian (Mongolia) | x | x | | online |
| Montenegrin, online | x | | | online |
| Nepali (Nepal) | x | x | | online |
| Norwegian (Bokmål Norway) | x | x | | online |
| Norwegian Male, online | x | x | | online |
| Pashto (Afghanistan) | x | x | | online |
| Persian (Iran) | x | x | | online |
| Polish (Poland) | x | x | | online |
| Portuguese (Brazil) | x | x | | online |
| Portuguese (Portugal) | x | x | | online |
| Romanian (Romania) | x | x | | online |
| Russian (Russia) | x | x | | online |
| Serbian (Serbia) | x | x | | online |
| Sinhala (Sri Lanka) | x | x | | online |
| Slovak (Slovakia) | x | x | | online |

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|---|---|---|---|---|
| Slovenian (Slovenia) | x | x | | online |
| Somali (Somalia} | x | x | | online |
| Spanish (Argentina) | x | x | | online |
| Spanish (Bolivia) | x | x | | online |
| Spanish (Chile) | x | x | | online |
| Spanish (Colombia) | x | x | | online |
| Spanish (Costa Rica) | x | x | | online |
| Spanish (Cuba) | x | x | | online |
| Spanish (Dominican Republic) | x | x | | online |
| Spanish (Ecuador) | x | x | | online |
| Spanish (El Salvador) | x | x | | online |
| Spanish (Equatorial Guinea) | x | x | | online |
| Spanish (Guatemala) | x | x | | online |
| Spanish (Honduras) | x | x | | online |
| Spanish (Mexico) | x | x | | online |
| Spanish (Nicaragua) | x | x | | online |
| Spanish (Panama) | x | x | | online |
| Spanish (Paraguay) | x | x | | online |
| Spanish (Peru) | x | x | | online |
| Spanish (Puerto Rico) | x | x | | online |
| Spanish (Spain) | x | x | | online |
| Spanish (United States) | x | x | | online |
| Spanish (Uruguay) | x | x | | online |
| Spanish (Venezuela) | x | x | | online |
| Spanish Latin American Female, online | x | x | | online |
| Sundanese (Indonesia) | x | x | | online |
| Swahili (Kenya) | x | x | | online |
| Swahili (Tanzania) | x | x | | online |
| Swedish (Sweden) | x | x | | online |
| Tamil (India) | x | x | | online |
| Tamil (Malaysia) | x | | | online |
| Tamil (Singapore) | x | x | | online |
| Tamil (Sri Lanka) | x | x | | online |
| Telugu (India) | x | x | | online |
| Thai (Thailand) | x | x | | online |
| Turkish (Turkey) | x | x | | online |
| Ukrainian (Ukraine) | x | x | | online |
| Urdu (India) | x | x | | online |
| Urdu (Pakistan) | x | x | | online |
| Uzbek (Uzbekistan) | x | x | | online |
| Vietnamese (Vietnam) | x | x | | online |
| Welsh (United Kingdom) | x | x | | online |
| Zulu (South Africa) | x | x | | online |

# Android Tablet

- Recommended browser: Firefox.
- Android's online and offline voices are listed in the drop-down list of voices in AsTeRICS GRID. No voices are listed as offline, although some voices do appear to work offline.
- Voices purchased separately become available in the dropdown and are available offline. Tested with: Acapella, Vocalizer, RHVoice, Google Voices, AhoTTS, and CereProc. It does not seem possible to use voices from different TTS companies simultaneously. Set which TTS company to use under 'General management > Text-to-speech > Preferred engine.'
- Recommendation: Install voices for offline use. Tables with the voices available from the tested vendors are listed below.

| Language | Female Voice | Male Voice |
|---|---|---|
| Afrikaans | x | |
| Albanian | | x |
| Arabic | x | x |
| Bengali Bangla Bangladesh | | x |
| Bengali India | x | x |
| Bosnian | | x |
| Catalan | x | |
| Chinese | x | x |
| Chinese Hong Kong | x | x |
| Chinese Taiwan | x | x |
| Croatian | x | |
| Czech | x | |
| Danish | x | |
| Dutch | x | x |
| English Australia | x | x |
| English UK | x | x |
| English US | x | x |
| Estonian | | x |
| Filipino | x | |
| Finnish | x | |
| French | x | x |
| French, Canada | x | x |
| German | x | x |
| Greek | x | |
| Hindi | x | x |

| | | |
|---|---|---|
| Hungarian | x | |
| Icelandic | x | |
| Indonesian | x | x |
| Italian | x | x |
| Japanese | x | x |
| Korean | x | x |
| Latvian | | x |
| Moldovian | x | |
| Montenegrin | x | |
| Nepali | x | |
| Norwegian Bokmål | x | x |
| Polish | x | x |
| Portuguese | x | x |
| Portuguese Brazil | x | |
| Romanian | x | |
| Russian | x | |
| Serbian | | x |
| Serbo-Croatian | x | |
| Sinhalese | x | |
| Slovak | x | |
| Spanish | x | |
| Spanish LatAm | x | x |
| Swahili | | x |
| Swedish | x | x |
| Tamil | x | x |
| Thai | x | x |
| Turkish | | x |
| Ukrainian | x | |
| Vietnamese | x | x |
| Welsh | x | |

Armenian and Macedonian are listed too but don't seem to function.

Several languages are labelled as male but sound female, and vice versa. The table reflects how the voices sound rather than their labels.

**Acapela**

- Voices are purchased through the acapela app.

- Purchased voices are displayed in the drop-down, as e.g. "lang.spa: Spanish (ESP,Ines), online". You need to select "show all voices". Despite being labelled as "online" they are available offline too.
- All downloaded languages can be selected. If a voice is set as system voice it will appear as "Default device voice, offline" in the drop-down.

| Language | Female Voice | Male Voice | Child Voice |
|---|---|---|---|
| Arabic | x | x | |
| Catalan | x | | |
| Czech | x | | |
| Danish | x | | |
| Danish | | x | |
| Dutch | x | x | boy, girl |
| Dutch, Belgium | x | x | |
| English, Australia | x | x | boy, girl |
| English, Canada | x | | boy, girl |
| English, India | x | | |
| English, Northern UK | | | child |
| English, UK | x | x | boy, girl |
| English, US | x | x | boy, girl<br>teenage boy, teenage girl |
| Finnish | x | | |
| French | x | x | boy, girl |
| French, Canada | x | x | boy, girl |
| German | x | x | boy, girl |
| Greek | | x | |
| Hindi India | x | | |
| Italian | x | x | boy, girl |
| Japanese | x | | |
| Korean | x | | |
| Mandarin Chinese | x | | |
| Norwegian | x | x | boy, girl |
| Polish | x | x | |
| Portuguese | x | | |
| Portuguese, Brazil | x | x | |
| Russian | x | | |
| Scottish | x | | boy, girl |
| Spanish | x | x | |
| Spanish, US | x | x | boy, girl |

| | | | |
|---|---|---|---|
| Swedish | x | x | boy, girl |
| Swedish, Finland | | x | |
| Swedish, Göteburg | | x | |
| Swedish, Scania | x | | |
| Turkish | x | | |

Faroese is listed but doesn't seem to function.


**Vocalizer Voices**

- Voices are purchased through the Vocalizer Voices app.
- Purchased voices are displayed in the drop-down as e.g. "lang.ron: Romanian (ROU), online". You need to select "show all voices". Despite being labelled as "online" they are available offline too.
- All downloaded languages can be selected.


| Language | Female Voice | Male Voice | Child Voice |
|---|---|---|---|
| Arabic | x | x | |
| Basque | x | | |
| Bengali, India | | | boy |
| Bhojpuri | x | | |
| Bulgarian | x | | |
| Cantonese (Hong Kong) | x | x | |
| Catalan | x | x | |
| Chinese, Mandarin | x | x | girl |
| Croatian | x | | |
| Czech | x | x | |
| Danish | x | x | |
| Dutch | x | x | |
| English, Australia | x | x | |
| English, India | x | x | |
| English, Irland | x | | |
| English, Scottland | x | | |
| English, South Africa | x | | |
| English, UK | x | x | |
| English, USA | x | x | girl |
| Farsi | | x | |
| Finnish | x | x | |
| Flemish | x | | |

| | | | |
|---|---|---|---|
| French | x | x | |
| French, Belgium | x | | |
| French, Canada | x | x | |
| Galician | x | | |
| German | x | x | |
| Greek | x | x | |
| Hebrew | x | | |
| Hindi | x | x | |
| Hungarian | x | | |
| Indonesian | x | | |
| Italian | x | x | |
| Japanese | x | x | |
| Kannada | | | girl |
| Korean | x | x | |
| Malay | x | | |
| Mandarin Taiwanese | x | | |
| Marathi | | | girl |
| Norwegian | x | x | |
| Polish | x | x | |
| Portuguese | x | x | |
| Portuguese, Brazil | x | x | |
| Romanian | x | | |
| Russian | x | x | |
| Sichuanese | x | | |
| Slowak | x | | |
| Spanish | x | x | |
| Spanish Argentina | x | x | |
| Spanish Mexico | x | x | |
| Spanish, Chile | x | | |
| Spanish, Columbia | x | x | |
| Swedish | x | x | |
| Tamil | x | | |
| Telugu | x | | |
| Thai | x | | |
| Turkish | x | x | |
| Ukrainian | x | | |
| Vietnamese | x | | |

Slowenian is listed but doesn't seem to function.

**RHVoice**

- Voices are purchased through the RHVoice app.
- Purchased voices are displayed in the drop-down, as e.g. "Albanian (North Macedonia), online". Despite being labelled as "online" they are available offline too.
- All downloaded languages can be selected.

| Language | Female Voice | Male Voice |
|---|---|---|
| Albanian, North Macedonia | x | |
| Croatian | x | |
| Czech | | x |
| Englisch, UK | | x |
| English, India | | x |
| English, Russia | x | x |
| English, USA | x | x |
| Georgian | x | |
| Kirgizh | x | x |
| Macedonian | x | x |
| Nepalese | x | |
| Polish | x | x |
| Portuguese, Brazil | x | x |
| Russian | x | x |
| Serbian | x | |
| Slovak | x | x |
| Spanish | | x |
| Spanish, Mexico | x | |
| Tatar | | x |
| Tswana | x | |
| Turkmenish | x | |
| Ukrainian | x | x |
| Uzbek | x | x |
| Vietnamese | x | |

**Speech Recognition and Synthesis from google**

- No purchase. Voices must be downloaded in the settings (Cog wheel > Install voice data). If multiple voices are available for the same language, changing it in the settings doesn't seem to impact the voice that is used in the browser. The table shows the voices that are automatically selected.

- The voices are displayed in the drop-down, as e.g. "Khmer (Cambodia), offline".
- All downloaded languages can be selected.
- There is sometimes a lag when switching languages
- While Android often offers multiple versions for one language, differentiating by country, the voice is most of the time just the same voice.

| Language | Female Voice | Male Voice |
|---|---|---|
| Albanian (Albania) | | x |
| Arabic | | x |
| Bagla (Bangladesh) | x | |
| Bangla (India) | x | |
| Bosnian (Bosnia & Herzegovina) | | x |
| Bulgarian (Bulgaria) | x | |
| Cantonese (Hong Kong) | x | |
| Catalan (Spain) | x | |
| Central Khmer (Cambodia) | x | |
| cmn (China) | x | |
| cmn (Taiwan) | x | |
| Croatian (Croatia) | x | |
| Danish (Denmark) | x | |
| Dutch (Belgium) | x | |
| Dutch (Netherlands) | x | |
| English (Australia) | x | |
| English (India) | x | |
| English (Nigeria) | x | |
| English (United Kingdom) | x | |
| English (United States) | x | |
| Estonian (Estonia) | | x |
| Filipino (Philippines) | x | |
| Finnish (Finland) | x | |
| French (Canada) | x | |
| French (France) | x | |
| German (Germany) | x | |
| Greek (Greece) | x | |
| Gujarati (India) | x | |
| Hebrew (Israel) | x | |
| Hindi (India) | x | |
| Hungarian (Hungary) | x | |
| Icelandic (Iceland) | x | |

| | | |
|---|---|---|
| Indonesian (Indonesia) | x | |
| Italian (Italy) | x | |
| Japanese (Japan) | x | |
| Javanese (Indonesia | x | |
| Kannada (India) | x | |
| Korean (South Korea) | x | |
| Latvian (Latvia) | | x |
| Lithuanian (Lithuania) | | x |
| Malay (Malaysia) | x | |
| Malayalam (India) | x | |
| Marathi (India) | x | |
| Nepali (Nepal) | x | |
| Norgwegian Bokmål (Norway) | x | |
| Polish (Poland) | x | |
| Portuguese (Brazil) | x | |
| Portuguese (Portugal) | x | |
| Punjabi (India) | x | |
| Romanian (Romania) | x | |
| Russian (Russia) | x | |
| Sindhi (India) | | |
| Sinhala (Sri Lanka) | x | |
| Slovak (Slovakia) | x | |
| Slovenian (Slovenia) | x | |
| Spanish (Spain) | x | |
| Spanish (United States) | x | |
| Sundanese (Indonesia) | x | |
| Swahili (Kenya) | | x |
| Swedish (Sweden) | x | |
| Tamil (India) | x | |
| Telugu (India) | x | |
| Thai (Thailand) | x | |
| Turkish (Turkey) | x | |
| Ukrainian (Ukraine) | x | |
| Urdu (Pakistan) | | x |
| Vietnamese (Vietnam) | x | |
| Welsh (United Kingdom) | x | |

The following languages don't seem to function: Assamese (India), Bodo (India), Dogri (India), Kashmiri (India), Konkani (India), Maithili (India), Manipuri (India), Odia (India), Sanskrit (India), Santali (India); Czech (Czechia)

**AhoTTS**

Offers voices in Spanish and Basque

**CereProc**

- Only the system voice seems available as default.
- It doesn't work with all purchased voices.

➔ Not recommended

## Voices Per System

*Only languages that available offline are listed. The quality varies.*

| iOS, Windows, Android | iOS, Android | Android | iOS |
|---|---|---|---|
| Cantonese | Arabic | Albanian | Kazakh |
| Catalan | Bangla | Bengali | Persian |
| Chinese (Mandarin) | Basque | Bosnian | Shanghainese |
| Croatian | Bhojpuri | Central Khmer | |
| Czech | Bulgarian | Estonian | |
| Danish | Galician | Farsi | |
| Dutch | Kannada | Filipino | |
| Englisch | Korean | Flemish | |
| Finnish | Lithuanian | Georgian | |
| French | Marathi | Gujarati | |
| German | Taiwan | Icelandic | |
| Greek | Tamil | Kirgizh | |
| Hebrew | Telugu | Latvian | |
| Hindi | Ukrainian | Macedonian | |
| Hungarian | | Malayalam | |
| Indonesian | | Nepali | |
| Italian | | Punjabi | |
| Japanese | | Scottish | |
| Malay | | Serbian | |
| Norwegian, Bokmål | | Sichuanese | |
| Polish | | Sindhi | |
| Portuguese | | Sinhala | |
| Romanian | | Slowak | |
| Russian | | Sundanese | |
| Slovak | | Swahili | |
| Slovenian | | Taiwanese | |
| Spanish | | Tatar | |
| Swedish | | Tswana | |
| Thai | | Turkmenish | |
| Turkish | | Urdu | |
| Vietnamese | | Uzbek | |
| | | Welsh | |