



ClaroRead Chrome Feature List

A technical specification of our Chrome text-to-speech software for Chromebook and Google Chrome

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Introduction

This document focuses on the specification of **ClaroRead Chrome**, our speaking toolbar for Google Chrome. ClaroRead Chrome is a Chrome extension, and therefore is available on Microsoft Windows, Apple macOS and Google Chromebook.

For more information see our website: <https://www.clarosoftware.com> or contact us directly on productadvice@clarosoftware.com.

Specification

Supported Platforms

- Microsoft Windows with Google Chrome.
- Apple macOS with Google Chrome.
- Google Chromebook.
- ClaroRead Chrome is available from the Google Play Store.

Versions

- ClaroRead Chrome is available for free from the Google Play Store.
- ClaroRead Chrome Premium has additional features, identified in this document as “Premium Only”.
 - Premium features can be unlocked through individual subscriptions.
 - Premium features can be unlocked for organisations with Google domains and an agreement with Claro Software.

Toolbar

- All buttons are options.
- Play button
 - Start text-to-speech from the current position in the document, web page or PDF.
- Stop button
 - Stop text-to-speech immediately.
- Scan Screen (Premium Only)
 - Initiate scan from screen to capture text from a region of the screen to speak it.
- Reposition
 - Move the ClaroRead Chrome toolbar around the browser window to allow access to whatever is behind it.

Speech

- Start reading with highlighting with the toolbar Play button.
 - Read HTML web pages with highlighting (e.g. Wikipedia)
 - Read Google Docs documents with highlighting.
 - Read Google Slides documents with highlighting.
 - Read Microsoft Office 365 > Word Web App documents with highlighting.
 - Read opened Adobe PDF files with highlighting.
- Speak on select with the mouse.
 - Select any text to trigger it reading aloud.
- Speak on hover with the mouse.
 - Hover over any object (button, paragraph, link) to trigger it reading aloud.
- Scan from screen (Premium Only)
 - Select an area of the browser window with the mouse. It is OCR/scanned and extracted text is read aloud (e.g. Google Books, inaccessible PDFs and images of text)
 - The OCR engine is installed so no Internet connection is required.
- Echo back letters as they are typed.
 - Use phonetic letter sounds instead of letter names (Swedish only)
- Echo back words as they are typed.
- Echo back sentences as they are typed.
- Read other Google Docs extensions.

TTS Voice/Reading Options

- Text-to-speech voice availability:
 - All platforms: choose from any Google text-to-speech voice.
 - Available Google voices include:
 - Chinese (simplified and traditional)
 - Dutch
 - English (UK male, UK female, US)
 - French
 - German
 - Indonesian
 - Japanese
 - Korean
 - Polish
 - Portuguese (Brazil)
 - Russian
 - Spanish (Spain and Mexico)
 - Thai
 - (Premium Only) All platforms: choose from a range of online Claro Cloud text-to-speech voices. Requires Internet connection.
 - Available Claro voices include:
 - Arabic
 - Catalan
 - Danish
 - Dutch
 - English (UK and US)
 - Finnish
 - French (France and Canada)
 - German
 - Italian
 - Norwegian
 - Polish
 - Portuguese
 - Russian
 - Spanish
 - Swedish (male and female)
 - Microsoft Windows only:
 - Any Google text-to-speech voice. Requires Internet connection.
 - (Premium Only) Any Claro voice. Requires Internet connection.
 - In addition, any installed SAPI5 text-to-speech voice of the same bitness as your instance of Google Chrome (e.g. 64-bit voices for 64-bit Chrome.)
 - Freely-available Microsoft Windows SAPI5 voices include:
 - Chinese (simplified) (male and female)
 - Chinese (traditional)
 - English (US male, US female, UK, Indian)
 - French
 - German
 - Italian
 - Japanese
 - Korean
 - Polish

- Portuguese
 - Russian
 - Spanish (Spain and Mexico)
 - Apple macOS only:
 - Any Google text-to-speech voice. Requires Internet connection.
 - (Premium Only) Any Claro voice. Requires Internet connection.
 - In addition, choose from any installed system text-to-speech voice.
 - Freely-available Apple system voices include:
 - Arabic
 - Chinese
 - Czech
 - Danish
 - Dutch
 - English (Australia, UK, USA, Ireland, South Africa)
 - Finnish
 - French
 - German
 - Greek
 - Hebrew
 - Hindi
 - Hungarian
 - Indonesian
 - Italian
 - Japanese
 - Korean
 - Norwegian
 - Polish
 - Portuguese (Brazil and Portugal)
 - Romanian
 - Russian
 - Slovak
 - Spanish (Spain and Mexico)
 - Swedish
 - Thai
 - Turkish
 - Google Chromebook:
 - Any Google text-to-speech voice. No Internet connection is required.
 - (Premium Only) Any Claro voice. Requires Internet connection.
- Choose any highlight colour for speech with highlighting.
 - Change text-to-speech voice speed.

Word Prediction

- Show words matching characters already typed (orthographic matching).
- Select a word with the mouse and have it entered into the input area.
- Move the floating prediction window as required.
- Phonetic predictions on first few letters (Swedish only).
- Prediction is available in:
 - English
 - Swedish
 - Dutch

- Arabic
- French
- German
- Spanish

OCR/Scanning

- Create accessible PDF files from TIFF, JPEG, PNG and inaccessible PDF files using online OCR/scanning (Premium only). Requires Internet connection.

Screen Tinting

- Applies a coloured overlay for tinting web pages, Google Docs and Adobe PDF files.
- Select any colour (hue) for the overlay.
- Select any opacity for the overlay.

Deployment

- Deploy through the Chrome Web Store.
- Enable Premium feature without sign-in using Google domains.
- Administer ClaroRead Chrome settings across domain through Claro Cloud:
 - You can set the default for any of the following settings (for first-time use).
 - You can lock or unlock any of the following settings. Locked settings cannot be changed the user end user.
 - Voice Speed
 - Click and Play
 - Speak when mouse selects
 - Speak under mouse
 - Scan from screen
 - Echo sentences
 - Echo words
 - Echo characters
 - Use letter sounds
 - Use prediction
 - Text highlight colour
 - Coloured overlay
 - Overlay colour
 - Overlay opacity

Document and File Integration

- Reads with highlighting in Google Docs, so supports all document formats supported by Google Docs, including Google Docs, Microsoft Word DOC, Microsoft Word DOCX, Adobe PDF, LibreOffice/OpenOffice ODT, Apple Pages, Rich Text Format RTF, and plain text.
- Reads with highlighting in Google Slides, so supports all document formats supported by Google Slides, including Google Slides, Microsoft PowerPoint PPT, Microsoft PowerPoint PPTX, Apple Presentation.
- Reads with highlighting Adobe PDF files from:
 - Web browsing: navigation to a PDF file on a website, HTTP or HTTPS.
 - Local file storage: opening a PDF file from your Chromebook, Apple or Windows computer in Google Chrome.
 - Cloud storage: opening a PDF file from Dropbox, Google Drive, OneDrive, iCloud, Box, or any cloud storage mechanism.