

ENSURING ACCESSIBILITY FOR ALL

This table includes a list of practical resources, tools, and guides for making eLearning objects accessible

RESOURCE	WHAT IT IS	FREE or PAID
York Talent Acquisition and Development – Technical Learning Resources: Accessible Document Learning Package	An easy-to-understand collection of tips and detailed guides to designing and developing accessible learning objects (documents, video recordings, etc.) focusing on MS Word, PowerPoint, PDF, InDesign, YouTube, email, and web applications and authoring environments/considerations.	FREE (YorkU)
York Centre for Staff Development & Technical Learning - Designing Accessible Word Documents [PDF]	A highly detailed supplemental course handout designed and written explicitly to assist with the development of fully accessible MS Word and PDF documents (including tables, images, and links). Also part of the Accessible Document Learning Package (above).	FREE (YorkU)
AODA Web Accessibility at York	This page outlines best practices for creating content on the web, and offers a detailed review as well as practical tools across four specialized tabs: Accessibility Guidelines, Evaluation Checklist, Known Evaluation Issues, and Resources. Under Resources, in particular, there are links to dozens of practical, ready-to-use quick reference sheets, “code sniffers”, colour selectors, and some markup/validation services.	FREE (YorkU)
Coolidge, A., Doner, S., Robertson, T., & Gray, J. (2018). Accessibility Toolkit (2nd ed.). BCcampus. [Online eBook]	<p>A comprehensive open textbook on accessibility best practices. Topics covered include:</p> <ul style="list-style-type: none"> • Key concepts of accessibility: definitions and rationale for use • Organizing content • Using images • Working with URLs • Using tables • Dealing with multimedia objects • Developing and converting formulas • Basics of fonts sizing • Colour contrast considerations • Developing Accessibility Statements <p>It is available in several different formats (both online and downloadable) and includes a handy ‘Checklist for Accessibility’ (in ‘Appendix A’) that offers a quick and easy way to start with accessibility testing of a broad range of electronic objects.</p>	FREE

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Accessibility & Usability at Penn State - Images	A comprehensive how-to webpage on how to make images (animated GIFs, charts, screen captures, maps, math equations etc.) accessible by writing ALT text in various applications and environments (HTML, MS Word, PowerPoint etc.).	FREE
a11y: Color Contrast Accessibility Validator	A color contrast analysis tool that will display the color contrast issues of a webpage or chosen color-pairs per WCAG 2.1 Guidelines.	FREE
University of Waterloo's Accessibility Web Resources	A comprehensive collection of URLs to everything related to accessibility, including: <ul style="list-style-type: none"> • Accessibility guidelines • Tools and browser toolbars • Accessibility Checkers • Colour Analyzers • Assistive Technologies, and • Code validators. 	FREE
W3C's Markup Validation Service	The World Wide Web Consortium (W3C) is the main international standards organization for the Internet. This W3C tool checks the markup validity of Web documents in HTML, XHTML, SMIL, MathML etc.	FREE
W3C's CSS Validation Service	The World Wide Web Consortium (W3C) is the main international standards organization for the Internet. This W3C tool checks the validity of CSS style sheets.	FREE
W3C's How to Meet WCAG Quick Reference	The World Wide Web Consortium (W3C) is the main international standards organization for the Internet. This is their comprehensive guide to Web Content Accessibility Guideline (WCAG 2.0) requirements, success criteria, and techniques.	FREE
W3C's Web Accessibility Evaluation Tools List	The World Wide Web Consortium (W3C) is the main international standards organization for the Internet. This is their collection of URLs to 159 different accessibility and compliance testing tools.	FREE & PAID
Cielo24's Using WCAG Guidelines to Plan Your Audio & Video Media eBook	Cielo24's latest edition of their eBook on WCAG 3.0 guidelines, conformance levels, and testing requirements. Registration is required.	FREE
Accessibility and Usability at Penn State - Equations: MathML, Images and LaTeX	A short (one-page) guide developed by Penn State on accessibility guidelines on formulas and equations.	FREE

RESOURCE	WHAT IT IS	FREE or PAID
Wiris Equation Editor	Create and export math equations to multiple formats with accessibility features that make mathematics available to users with different disabilities.	PAID
Creative Commons License Selector	Creative Commons is a global non-profit organization and network that enables sharing and reuse of creativity and knowledge through the provision of free legal tools.	FREE
Advanced Distributed Learning Initiative – Sharable Content Object Reference Model (SCORM®)	The official website of the United States government on the Sharable Content Object Reference Model (SCORM®) created in 2000 by the ADL Initiative to address e-learning interoperability, reusability, and durability challenges. Note, in particular, its downloadable ‘Conformance Test Suite 1.1.2’ application (wrapped in a Zip file) under ‘Compatibility Testing Resources’.	FREE
3 Ways to Test Your SCORM Package by David Brandt	An easy-to-follow guide for testing eLearning content for SCORM compliance in three different ways.	FREE
Top 20 Accessibility Testing Tools For Web Applications by Software Testing Help	An overview of the (subjectively) best web accessibility testing tools and techniques in the market, including URLs and specifications for each.	FREE & PAID



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