

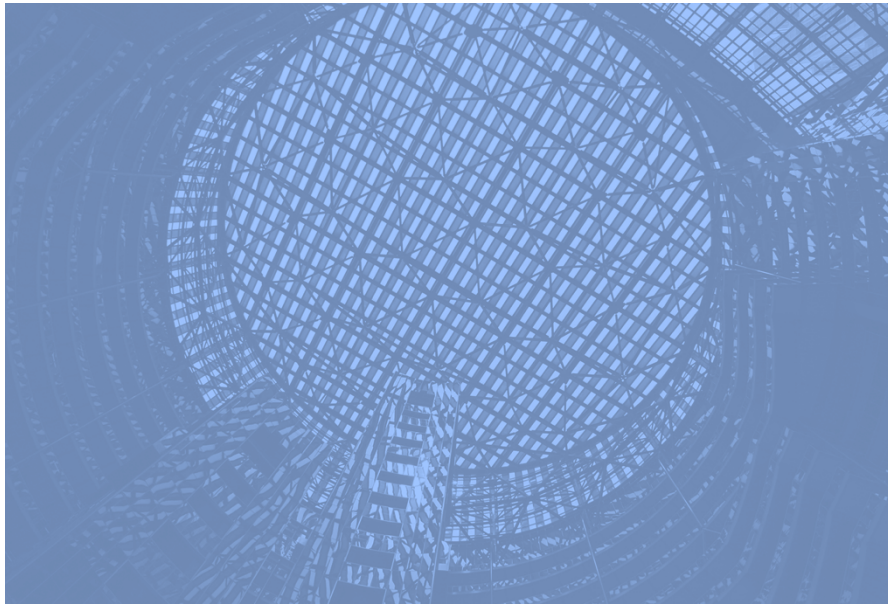
ADA Compliance in PDF, Email & Web Design

THE
UNIVERSITY OF
ILLINOIS
AT
CHICAGO



Title III of the Americans with Disabilities Act (ADA) requires that service providers make accessibility accommodations to enable disabled public to access the same services as clients who are not disabled.





APPLIES TO:

- Website Design
- Email Design
- PDF Creation
- Video Design



NEED TO THINK ABOUT:

Color
Hierarchy
Tagging
Structure
Images
Creation Process



GUIDELINES

Video

Provide alternatives for time-based media (audio and video) – text of content

Provide captions for pre-recorded audio

Provide alternatives for pre-recorded synchronized audio/video– text of content

Provide captions for live audio in synchronized audio/video

Provide an audio description of pre-recorded video

Web/Print

Provide text alternatives for non-text content (e.g. images)

The correct reading sequence can be programmatically determined

Do not rely solely on sensory characteristics of components such as shape, size, visual location, orientation, or sound

Make sure content is readable and the foreground contrasts sufficiently with the background

Color is not used as the only visual means of conveying info

Text has enough contrast with the background (contrast ratio 4:5:1 for small text and 3:1 for large text)

Text can be enlarged up to 200% without the use of assistive technology (screen magnifiers)

Text is used rather than images of text, except where the presentation of text is essential, such as in logos

Web

All functionality is available from a keyboard, except for tasks such as drawing

The user can use the keyboard to move through page elements and is not trapped on a particular element

Give users enough time to read and use content

Users can stop, pause or hide moving, blinking, scrolling or auto-updating information

Do not use content that can cause seizures

Help users to navigate, find content, and determine where they are

Users can bypass blocks of content that are repeated on multiple Web pages, such as navigation menus

The page has a title describing its topic or purpose

Users can tab through the elements of a page in a logical order

The purpose of each link can be determined from the link text or context

More than one way is available to navigate to other Web pages, such as a sitemap

The headings and labels are clear and consistent, accurately describing the topic or purpose

Text should be readable and understandable

Specify the language (e.g. English) of the Web page

Make Web pages appear and operate in predictable ways

Navigation menus are in the same location and order on every Web page

Help users to avoid and correct mistakes

Input errors are clearly marked and described to the user

Items requiring user input are clearly labeled or have clear instructions

For Web pages causing legal or financial commitments, input can be reviewed and corrected before final submission, and submissions can be reverted

Maximize compatibility with assistive technologies (such as screen readers) and future browsers

Use valid, error-free HTML, including unique (non-duplicate) element IDs

For all UI components, the name, value and role can be programmatically determined



RESOURCES

LYNDA.COM TRAINING: <http://www.lynda.com/Accessibility-training-tutorials/1286-0.html>

WEBSITE AND EMAIL RULES: http://www.ada.gov/websites2_prnt.pdf

RESOURCE LIST: <http://www.w3.org/WAI/ER/tools/>

WEBSITE CHECKER: <http://wave.webaim.org/>

FAE CHECKER: <http://fae20.cita.illinois.edu/>

WORD PDF: http://www.calpoly.edu/~lfose/tutorials/Converting_Word_to_ADA_Compliant_PDFs.pdf

VIDEO: <http://www.kent.edu/sas/ada-compliant-youtube-videos>

YOUTUBE.COM CAPTIONING: <https://support.google.com/youtube/answer/2734796?hl=en>

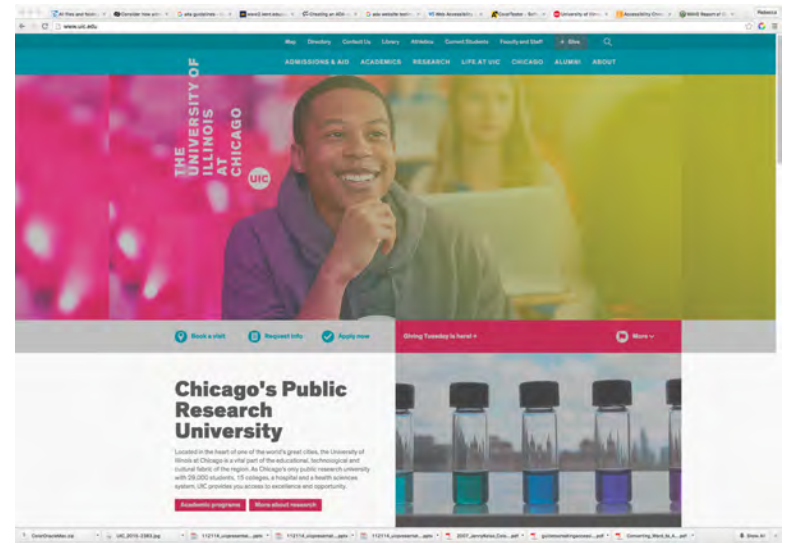
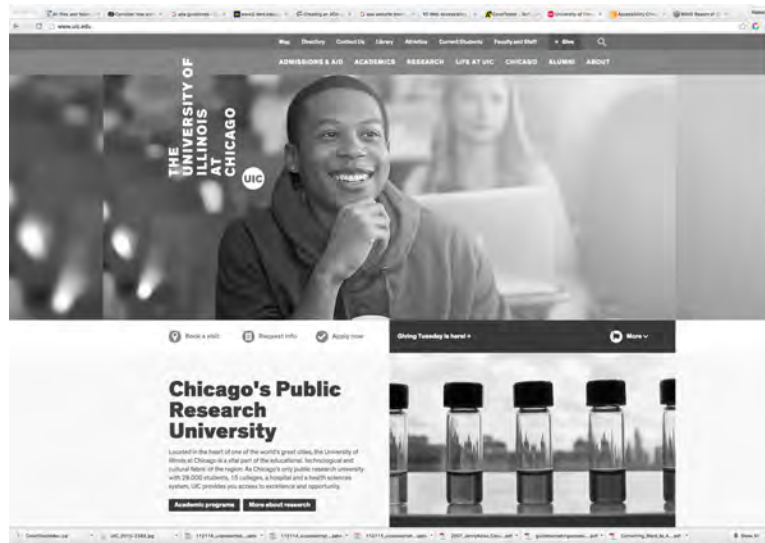
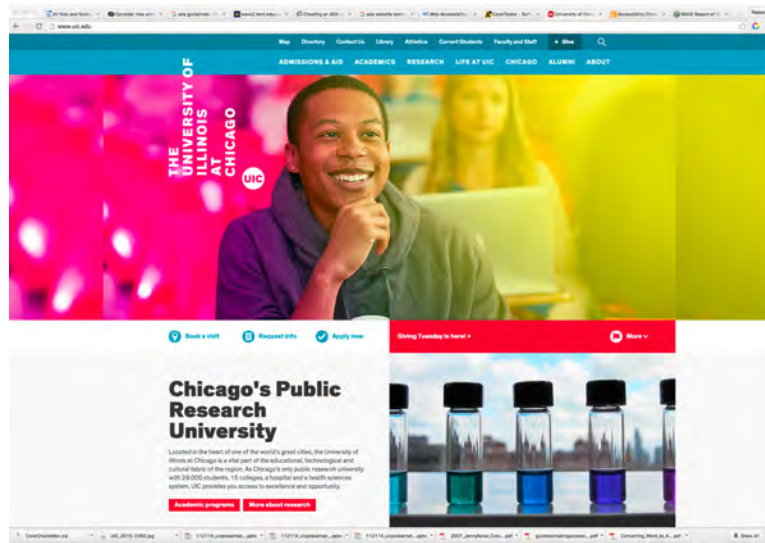
ADOBE ACROBAT: <http://www2.kent.edu/ucm/services/web/upload/guidetocreatingaccessiblepdfdocuments-secondedition-copy-2.pdf>

COLOR CHECKER PSD: <http://colororacle.org/index.html>

COLOR CHECKER CHROME: <https://chrome.google.com/webstore/detail/spectrum/ofclemegkcmilinpcimpjkhjfgmhieb/related?hl=en>



Color



Diagnostics



Title

Description

Color

Hierarchy

Tagging

Structure

Image tagging

Errors

Forms/Labels

Text as Graphics

Labeling Images

