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# Richland Hills Public Library

*Website Accessibility Report*



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# Richland Hills Public Library

## *Website Accessibility Report*

[Introduction about NTRLS project]

## Accessibility Defined

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[What it is and what it isn't; how it is]

## Accessibility Guidelines

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[Explanation of the guidelines]

### Text Alternatives

Provide text alternatives for any non-text content so that it can be changed into other forms people need, such as large print, Braille, speech, symbols or simpler language. The purpose of this guideline is to ensure that all non-text content is also available in text.

- Each image must have alternative text so that visually-impaired users understand what the image is trying to portray. In this site, either the alternative is blank or it is the filename of the image.  
Many of the blank alternative text attributes are used for spacer images, which are used to provide additional space for formatting. This technique is dated and Cascading Style Sheets should be used, thereby negating the use of blank alternative text attributes.
- The image of the red envelope has no alternative text attribute. Those using screen readers would hear “image,” but no additional information.

### Time-Based Media

Provide alternatives for time-based media.

The purpose of this guideline is to provide access to audio and video files.

- No issues were found pertaining to this guideline.

### Adaptable

Create content that can be presented in different ways (for example simpler layout) without losing information or structure.

The purpose of this guideline is to ensure that all information is available in a form that can be perceived by all users, for example, spoken aloud, or presented in a simpler visual layout.

- Site should separate the structure of the page from the formatting. Use of Cascading Style Sheets is the preferred way to accomplish this.

## Distinguishable

Make it easier for users to see and hear content including separating foreground from background.

The purpose of this guideline is to ensure that the default presentation is as easy to perceive as possible to people with disabilities.

- No issues were found pertaining to this guideline.

## Keyboard Accessible

Make all functionality available from a keyboard.

The purpose of this guideline is to ensure that all functionality can be achieved using the keyboard.

- No issues were found pertaining to this guideline.

## Enough Time

Provide users enough time to read and use content.

This guideline focuses on ensuring that users are able to complete the tasks required by the content with their own individual response times.

- No issues were found pertaining to this guideline.

## Seizures

Do not design content in a way that is known to cause seizures.

The objective of this guideline is to ensure that content that is marked as conforming to WCAG 2.0 avoids the types of flash that are most likely to cause seizure when viewed even for a second or two.

- No issues were found pertaining to this guideline.

## Navigable

Provide ways to help users navigate, find content and determine where they are.

The intent of this guideline is to help users find the content they need and allow them to keep track of their location.

- Links must contain either an image with alternative text or link text. If no text or alternative text appears, screen readers will speak the URL, e.g., “Link <http://www.ntrls.org/>” instead of “North Texas Regional Library System” or say just “Link.” Four links on this page have no link text or alternative text:
  - Initial image on the page that reads “The City of Richland Hills, Texas”
  - The link to the calendar has errors in the HTML element that are causing this problem
  - The link to Novelist has errors in the HTML element that are causing this problem
  - The link to Global Road Warrior is not displaying because there are errors in the HTML
- Each page on the city’s website has the same title – “City of Richland Hills, Texas.” The title should be unique so that each page can be identified easily.
- Provide a way for non-sighted users to skip repetitive navigation links on each page. Users using screen readers must read the page as it looks in the HTML. By providing them a way to skip these links, they are able to more quickly move to the information they need. These links can be created in one of two ways: by providing a link near the top of the page that is visible, or by providing an invisible link that only those reading the HTML can see.

## Readable

Make text content readable and understandable.

The intent of this guideline is to allow text content to be read by users and by assistive technology, and to ensure that information necessary for understanding it is available.

- The language used on a website should be identified either at the site level, the page level, or the element level so that screen readers can pronounce words correctly. For example, if the entire page is in English, then it should state so at the top of the page. This web page does not have a language encoded.
- Using the home page as an example, the web page has a 9<sup>th</sup> grade reading level.

## Predictable

Make Web pages appear and operate in predictable ways.

The intent of this Success Criterion is to help users with disabilities by presenting content in a predictable order from Web page to Web page and by making the behavior of functional and interactive components predictable.

- No issues were found pertaining to this guideline.

## Input Assistance

Help users avoid and correct mistakes.

This guideline seeks to reduce the number of serious or irreversible errors that are made, increase the likelihood that all errors will be noticed by the user, and help users understand what they should do to correct an error.

- No issues were found pertaining to this guideline.

## Compatible

Maximize compatibility with current and future user agents, including assistive technologies.

The purpose of this guideline is to support compatibility with current and future user agents, especially assistive technologies (AT).

- This page does not validate to HTML 4.0 Transitional, which is stated at the top of the document. There are many closing tags that do not have a corresponding opening tag. Unmatched tags can cause problems with screen readers understanding the structure of the web page.
- Use of both HTML and Cascading Style Sheets is considered the best way to future-proof your website. When created to these standards, changes to come into compliance with future standards should be less demanding. This site seems to have a base CSS file, but modifications were done within the HTML instead of within the CSS. This will cause problems in the future when updating or revising this site.