Are You Accessible?

Web Accessibility Tips for Audio, Video and The Web
Accessibility means…

• **Everyone** can use your website.
Meet your audience...
Take the #nomouse challenge!
nomouse.org
What are the primary functions of your website?

- Listen Live
- Review the playlist
- Donate

Try these functions without a mouse.

Or with assistive technology such as a screen reader.
We did!

• Results are at terrillthompson.com
Common problems: Live Streaming

- Inaccessible "Listen Live" buttons
- Inaccessible media players
- Autoplay
Common problems: Playlists

• A playlist is a list (or maybe a table)
• It should be coded that way (with <ul>, <ol>, or <table>)
# Example Playlist #1

<table>
<thead>
<tr>
<th>Time</th>
<th>Artist</th>
<th>Album</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:46</td>
<td>NHOAH</td>
<td>120 Coles Rouges</td>
</tr>
<tr>
<td>8:41</td>
<td>Machinedrum</td>
<td>Eyesdontlie</td>
</tr>
<tr>
<td>8:38</td>
<td>Ray Mang and Foolish Felix</td>
<td>Who Said Dub</td>
</tr>
<tr>
<td>8:30</td>
<td>River Tiber</td>
<td>Flood</td>
</tr>
<tr>
<td>8:27</td>
<td>Kilo</td>
<td>Predicament</td>
</tr>
<tr>
<td>8:21</td>
<td>SBTRKT</td>
<td>Wildfire (PatrickReza Remix)</td>
</tr>
<tr>
<td>8:18</td>
<td>Kelly Lee Owens</td>
<td>Arthur</td>
</tr>
<tr>
<td>8:18</td>
<td>Evelien Trouble</td>
<td>Monstruous</td>
</tr>
<tr>
<td>8:13</td>
<td>Pretty Lights</td>
<td>Press Pause (Free n Lipp Remix)</td>
</tr>
<tr>
<td>8:08</td>
<td>Moderat</td>
<td>Bad Kingdom</td>
</tr>
<tr>
<td>8:03</td>
<td>Kodomo</td>
<td>Mind Like a Diamond</td>
</tr>
<tr>
<td>7:59</td>
<td>PINK SOCK</td>
<td>Do You Believe In Destiny?</td>
</tr>
<tr>
<td>7:53</td>
<td>Washed Out</td>
<td>It All Feels Right</td>
</tr>
<tr>
<td>7:49</td>
<td>Big Thief</td>
<td>Shark Smile</td>
</tr>
<tr>
<td>7:42</td>
<td>Sugar Candy Mountain</td>
<td>Eye On You</td>
</tr>
<tr>
<td>7:40</td>
<td>Trini Lopez</td>
<td>Greenback Dollar</td>
</tr>
<tr>
<td>7:38</td>
<td>Tommy James &amp; The Shondells</td>
<td>I Think We’re Alone Now</td>
</tr>
<tr>
<td>7:32</td>
<td>FrankJavCee</td>
<td>SimpsonWave1995</td>
</tr>
<tr>
<td>7:28</td>
<td>Twin Shadow</td>
<td>Five Seconds</td>
</tr>
<tr>
<td>7:29</td>
<td>Devendra Banhart</td>
<td>Shabop Shalom</td>
</tr>
</tbody>
</table>
## Example Playlist #2

<table>
<thead>
<tr>
<th>Time</th>
<th>Artist/Track Name</th>
<th>Artist/Track Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:52 pm</td>
<td>George Clanton</td>
<td>Make It Forever</td>
</tr>
<tr>
<td>8:48 pm</td>
<td>NHOAH</td>
<td>120 Ciels Rouges</td>
</tr>
<tr>
<td>8:41 pm</td>
<td>Machinedrum</td>
<td>Eyesdontlie</td>
</tr>
<tr>
<td>8:37 pm</td>
<td>Ray Mang and Foolish Felix</td>
<td>Who Said Dub</td>
</tr>
<tr>
<td>8:33 pm</td>
<td>River Tiber</td>
<td>Flood</td>
</tr>
<tr>
<td>8:29 pm</td>
<td>Kilo</td>
<td>Predicament</td>
</tr>
<tr>
<td>8:25 pm</td>
<td>SBTRKT</td>
<td>Wildfire (PatrickReza Remix)</td>
</tr>
<tr>
<td>8:21 pm</td>
<td>Kelly Lee Owens</td>
<td>Arthur</td>
</tr>
<tr>
<td>8:16 pm</td>
<td>Evelinn Trouble</td>
<td>Monstruous</td>
</tr>
<tr>
<td>8:13 pm</td>
<td>Pretty Lights</td>
<td>Press Pause(Free n Lipp Remix)</td>
</tr>
<tr>
<td>8:09 pm</td>
<td>Moderat</td>
<td>Bad Kingdom</td>
</tr>
<tr>
<td>8:02 pm</td>
<td>Kodomo</td>
<td>Mind Like a Diamond</td>
</tr>
<tr>
<td>7:59 pm</td>
<td>PINK $OCK</td>
<td>Do You Believe in Destiny?</td>
</tr>
<tr>
<td>7:53 pm</td>
<td>Washed Out</td>
<td>It All Feels Right</td>
</tr>
<tr>
<td>7:45 pm</td>
<td>Big Thief</td>
<td>Shark Smile</td>
</tr>
<tr>
<td>7:43 pm</td>
<td>Sugar Candy Mountain</td>
<td>Eye On You</td>
</tr>
<tr>
<td>7:42 pm</td>
<td>Trini Lopez</td>
<td>Greenback Dollar</td>
</tr>
</tbody>
</table>
Example Playlist #3

Playlist

Smooth Criminal
Alen Art Farm

Silver Lining
MJ, Joy

Holy Commotion
Pretenders

All Along the Watchtower
The Jimi Hendrix Experience

Music Search

SAVE TO PLAYLIST
PLAY CLIP
BUY ON ITUNES
PLAY VIDEO

12:21 PM
12:18 PM
12:14 PM
12:06 PM
Common problems: Donations

- Inaccessible forms
Common problems: Headings

- No headings
- Too many headings
- Headings that don’t provide an accurate outline of the page content
# Recent Songs on KALX

**Friday, October 26, 2018**

**Time**  | **Artist**  | **Song**  | **Album (Record Label)**
--- | --- | --- | ---
6:00am | Shy Boys | “Champion” | Bell House (Polyvinyl)
6:03am | Soft Boys | “He’s a Reptile” | Invisible Hits (Chime)
6:36am | Soft Sailors | “People Like Us” | Spring 2018 Mixtape (Vanity Projects)
6:40am | Soft Cell | “Chips on My Shoulder” | Non Stop Erotic Cabaret (Sire)
6:33am | Areon Flutes | “Broken Birds” | No Era (Innova)
6:08am | Oneohtrix Point Never | “Still Stuff that Doesn’t Happen” | Age Of (Warp)
5:56am | Saved My Life | “Lotus 72” | A Conga Saved My Life (Saved My Life)
5:50am | Dexter Wansel | “I’ll Never Forget” | Time Is Slipping Away (Philadelphia International)
5:47am | 400Blows | “Tension Release (Vocal Remix) 1” | Tension (Unknown)
5:44am | Japan | “Visions Of China” | Visions Of China/Canton (Epic)
5:40am | Professor Rhythm | “Bafana Bafana” | Bafana Bafana (Awesome Tapes From Africa)
5:30am | Yellow Magic Orchestra | “Yellow Magic (Tong Poo)” | Yellow Magic Orchestra (Horizon)
5:23am | Sleazy McQueen | “Back To Hell” | Theme From Kaffee (Local Kaffee)
5:21am | Joe Coleman | “Get It Off The Ground” | Funk Spectrum II (BBE)
5:18am | Goodie | “Dance Free” | Dance Free (Family Groove)
5:08am | Isabelle Antenna | “Seasons Week End” | Seasons Week End (Crepuscule)
5:04am | Bart & The Redazzled | “Life Under Water” | Blue Motel (Lovenmonk)
Common problems: Overall

• Inaccessible dropdown menus
• No visible focus for keyboard users ("Where am I?")
• All the things Jamie & Doug are about to tell you about
Pick accessible fonts

Font recommendations

• Sans serif
• 12 point minimum
• Use **bold** sparingly
• Use *italics* and UPPERCASE even less
• Don’t animate text

Recommended fonts

• Verdana
• Arial
• Tahoma
• Helvetica
• Calibri
• Tiresias-Infofont
How to change your web font

```css
/* Site-wide styles */
html {
  margin: 0;
  padding: 0;
}

@import url('https://fonts.googleapis.com/css?family=Open+Sans|Roboto');

body {
  background: #312a2a;
  width: 100%;
  height: 100%;
  font-family: 'Roboto', serif;
  overflow-x: hidden;
  overflow-y: auto;
}

pre {
  font-family: monospace, monospace;
  font-size: 1em;
}
```

Add descriptive link text

- Use this: Learning what to write as proper link text can be confusing, but you can learn more by visiting Descriptive Links Accessibility.

- Instead of: Learning what to write as proper link text can be confusing, but to learn more click here.

- And never: Learning what to write as proper link text can be confusing, but to learn more visit https://accessibility.oregonstate.edu/descriptivelinks.
Add alt text for images

Contact WKNC staff
WKNC is a student-run radio station, which means all our student directors also have to go to class, study for and pass those classes, work other part-time jobs and have family and social responsibilities. This also means sometimes we miss our office hours or are slow to respond to email. Please be patient. You can refer to the WKNC State academic calendar for school holidays, breaks and exams. All directors can be reached at 919-315-2401, but email is the preferred method of communication. Our mailing address is located at bottom of this page. Before sending an email, check our FAQ page to see if we have already anticipated and answered your question.

Fall 2018 WKNC executive staff
Jules Conley, general manager
Jake Mitchell, program director - no music submissions, please (send to MDs below)
Nick Weaver and Marissa Jorden, public affairs directors
Annemae Thom, promotions director
Gab Scalf, sponsorship director
C Phillips, multimedia/Lounge director
CJT stealing, Daytime indie rock/radio 200 music director - no singles, please
Elizabeth Maynard, Afterhours electronic/RPM music director
Ashley Durland, Underground hip-hop/urban music director
Erika Kase, Chainsaw heavy metal/indie rock music director
Brock Willis, Local (North Carolina) music director
Jamie Lynn Gilbert, station advisor

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Alt text suggestions

• Keep it brief
• Don’t be redundant
• Avoid “image of” language
• Use alt=”” for purely decorative images
Which alt text would you use?

Because of his role as the Commander in Chief of American forces in the Revolutionary War, and, later, the first President of the United States, George Washington is often called the “Father of his Country.”

(Example from Web AIM)

- A. “Image of George Washington”
- B. “George Washington, the first president of the United States”
- C. “George Washington”
- D. “Image”
- E. An empty alt attribute (alt=“”) will suffice.
- F. No alt text is needed
How to add alt text for images
How to add alt text for iframes

Salt Lake Community College students who are interested in television and video production can pursue their passion with the Student Media Center. The SMC oversees a variety of student-produced programming in the news, sports and entertainment genres. Students learn studio production, field production and broadcasting, and apply those skills by participating in various SMC productions. Students who enroll in the advanced course specialize in documentary film projects.
Check color contrast

No, my first name ain't baby. It's Janet.

Miss Jackson, if you're CONTRASTY.
How to check color contrast

ACCESSIBLE COLORS

My text color is #747474 at 18 px and regular weight.

My background color is #E7E7E7.

My design must be AA compliant.

Fails AA
- Required contrast ratio: 4.5
- Your contrast ratio: 4.03

Passes AA
- If you change background color to #FBFBFB
  - New contrast ratio: 4.52
- If you change text color to #6C6C6C
  - New contrast ratio: 4.53
Next Steps

• Take the #nomouse challenge!
• Learn about web accessibility
• Seek help at your college or university
  • search for "web accessibility"
  • Contact the Disability Services office
Resources


• University of Washington (n.d.) Accessible Technology at the UW. Retrieved October 22, 2018 from https://uw.edu/accessibility
Resources

