

Develop Accessible Dashboards CHEATSHEET



epiforesite.github.io/branding-package/

General Design Principles

Make content perceivable

Make interactions operable

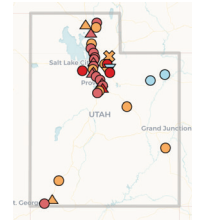
Make structure understandable

Make data accessible

Design for consistent behavior

- ✓ Include data tables with all visualizations
- ✓ Prioritize tables over interactive visualizations
- ✓ Highlight key insights and put less important information to tooltips
- ✓ Use plain-language alt text and summaries
- ✓ Limit interactions to key tasks

Facility	County	LHD
Tremonton WWTP	Box Elder	Bear River
Brigham City WWTP	Box Elder	Bear River
Logan City WWTP	Cache	Bear River
Hyrum City WWTP	Cache	Bear River
North Davis SD	Davis	Davis County
Central Davis SD	Davis	Davis County
South Davis SD - North	Davis	Davis County
South Davis SD - South	Davis	Davis County
Salt Lake City WRF	Salt Lake	Salt Lake County



with alt text

Download Data

more information ⓘ

Avoid Common Accessibility Errors

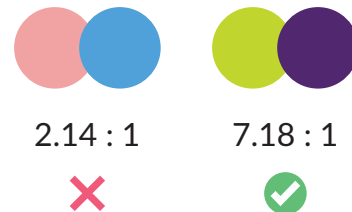
Use alt text & ARIA labels correctly

```


<button aria-label="Download wastewater data">
  <i class="icon-download"></i>
</button>

<iframe src="map.html"
  title="Map of Utah wastewater plants"></iframe>
```

Ensure sufficient contrast



Make content keyboard-accessible

```
<div tabindex="0">
  Daily wastewater viral load readings...
</div>
<div role="tablist">
  <button role="tab">Salt Lake</button>
  <button role="tab">Utah</button>
</div>
```

Use meaningful structure

```
<h1>Utah Wastewater Dashboard</h1>

<h2>Salt Lake County</h2>
<h3>Viral Load Trends</h3>
<h3>Sampling Sites</h3>
<h3>Download Data</h3>
```

References: Tools & Resources

Guidelines



www.w3.org/TR/wcag-3.0

Detect accessibility issues



web accessibility evaluation tool

wave.webaim.org



www.deque.com/axe/devtools

Check color contrast



webaim.org/resources/contrastchecker

Screen readers



NVDA

www.nvaccess.org



JAWS

www.freedomscientific.com/products/software/jaws



VoiceOver

Related documentation of this cheatsheet: bit.ly/foresite-accessibility-guidelines