

Easy Accessibility Wins

Better Accessibility in Five Minutes or Less

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WebAIM
1 Million

WebAIM 1 Million

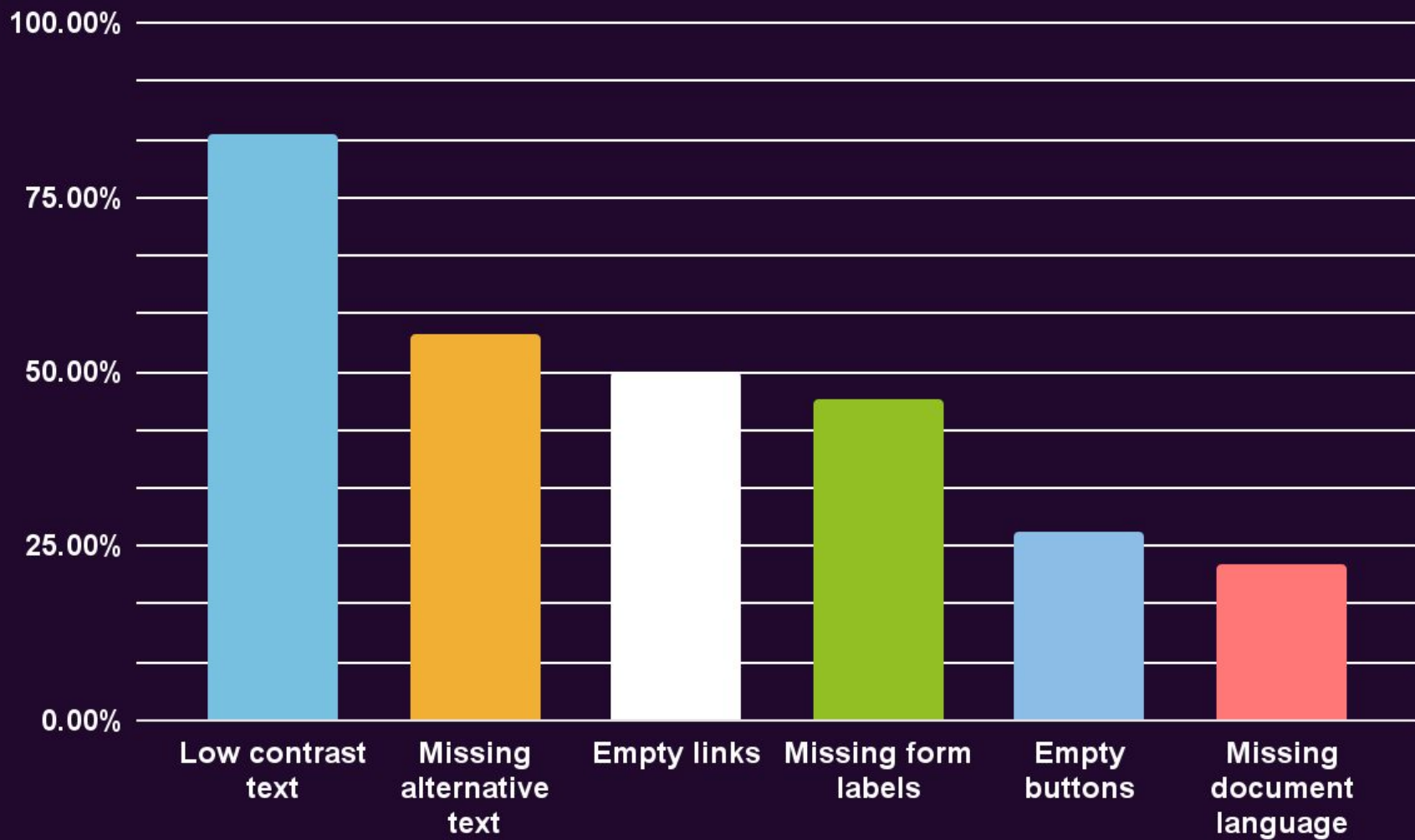
**50 errors
per page**

WebAIM 1 Million

**96.8% of home
pages had errors**

WebAIM 1 Million

**Six common
errors**



~~Six~~ Five Common Errors

- Low contrast text
- Missing alt text
- Empty links/buttons
- Missing form labels
- Missing document language

Five Common Errors

**Low contrast
text**

Low contrast text

High contrast

Medium contrast

Low contrast

Low contrast text

**Check your
contrast!**

Low contrast text

**"But that's not
our blue!"**

Five Common Errors

Missing alt text

Missing alt text

``

Missing alt text

Is it needed?

Is it equivalent?

Missing alt text: Icon/Logo



Missing alt text: Image



Image description

The background of space is black. Thousands of galaxies appear all across the view. Their shapes and colors vary. Some are various shades of orange, others are white. Most stars appear blue, and are sometimes as large as more distant galaxies that appear next to them. A very bright star is just above and left of center. It has eight bright blue, long diffraction spikes. Between 4 o'clock and 6 o'clock in its spikes are several very bright galaxies. A group of three are in the middle, and two are closer to 4 o'clock. These galaxies are part of the galaxy cluster SMACS 0723, and they are warping the appearances of galaxies seen around them. Long orange arcs appear at left and right toward the center.



NASA Webb Telescope ✓
@NASAWebb

...

👁️ Sneak a peek at the deepest & sharpest infrared image of the early universe ever taken — all in a day's work for the Webb telescope. (Literally, capturing it took less than a day!) This is Webb's first image released as we begin to [#UnfoldTheUniverse](#): nasa.gov/webbfirstimage...



Missing alt text

Alt who?

Five Common Errors

Empty links & buttons

Empty links/buttons

```
<a><i class=  
"fa-space-station-moon"  
></i></a>
```

Empty links/buttons

- Put text on the link/button
- Put text inside the `<i></i>`

```
<button><i class="fa-save"></i>Save</button>
```

```
<a href=""><i class="fa-save">Save</i></a>
```

Empty links/buttons

- Screen reader only classes

```
<button><i class="fa-floppy-disk"></i>  
  <span class="sr-only">Save</span>  
</button>
```

Empty links/buttons

- Title attribute

```
<a href="" title="Cancel">  
  <i class="fa-xmark"></i>  
</a>
```


Resources

- WebAIM 1 Million website
- Stark accessibility suite
- axe accessibility tools
- Contrast Ratio by Lea Verou
- Alt text decision tree from WAI
- Easy Accessibility Wins gist
- Accessibility Guidelines & Tools article

Empty links/buttons

- **ARIA label or labelledby**

```
<a href="" aria-label="Save"><i class="fa-floppy-disk"></i></a>
```

```
<a href="" aria-labelledby="linkName">
```

```
  <i class="fa-floppy-disk"></i>
```

```
  <span id="linkName" style="display: none;">Save</span>
```

```
</a>
```

Empty links/buttons

Simple is best

Five Common Errors

Missing form
input labels

Missing form input labels

- Semantic form HTML

<label>Phone:<input type="text" /></label>

<label for="phone">Phone:</label>

<input id="phone" type="text" />

Missing form input labels

- ARIA labelledby/label

```
<div id="phone">Name:</div>
```

```
<input aria-labelledby="phone" type="text" />
```

```
<input aria-label="Phone" type="text" />
```

Missing form input labels

**Simple isn't
always best**

Five Common Errors

Missing document
language

Missing document language

<html lang="en">

Missing document language

Understandable

Five Common Errors

1. Low contrast text
2. Missing alt text
3. Empty links/buttons
4. Missing form labels
5. Missing document language

Other Common Errors

1. **Ambiguous link text**
2. **Semantic headings**
3. **Sections/landmarks**
4. **Skip links**
5. **Browser zoom**

Ambiguous link text

Click here

Semantic headings

4, 6, 1, 3, 2, 5

Sections/landmarks

<main>

Skip links

**Menu item, menu item,
menu item, menu item,
menu item, menu item**

Browser zoom

200%

Easy Accessibility Wins

Just do it

THANKS!



Neovation



AMA!



Ashleigh Lodge

Leader, Product Team

Neovation Learning Solutions

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