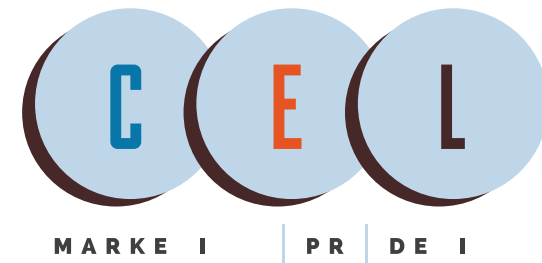

School District Accessibility: Navigating the Puzzle

Presenter:

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Director of Client & School Services

@chelseajanke @proutloud



How much have you been introduced to accessibility?

What are your biggest pain points?

What question do you have that haven't been answered yet?

Other question...



Plan



Project Leadership & Champion Group

Scope of the Project

Recent Update WCAG 2.1

- A mobile-first atmosphere who's experience matches that of a desktop experience with an emphasis on better touch screen function compatibility for assistive technology.
- Upgraded visual standards from 200% resizable to 400% without losing functionality.
- Minimizing the use of interruptions on a website like pop up ads
- Easier ability for a user to correct their actions if a wrong link is clicked or action is taken on your site.

A white mouse is peeking out from a circular hole in a brown cardboard box. The box is placed on a black wire mesh surface. In the background, there are shelves filled with various colorful items, possibly in a pet store. The text "Is your sitemap a rat's nest?" is overlaid in white on a dark semi-transparent background.

Is your sitemap a rat's nest?

Sitemaps

Structure and navigation – “Access to Your Schools”

TOOLS:

- Smartsheet
- Google Sheets
- Adobe Creative Suite – for added visuals

Audit

- Content
- Graphics
- Closed Captioning
- Color Contrast
- PDFs



FREE Tool: <http://wave.webaim.org/>

Content

- Who will update the current content? (implement)
- Who will write new content?
- Do you need to schedule for staff training?
- How many people have access to the website and how can you monitor what is being done right & wrong?
- Are you using directional language?

Graphics

- Image Alt Text
- Is the image purely graphical or does it add to the story of the page?
- TIP: If there is text include it but keep them short/brief!

Alt Text



Bad: img4653.jpg

Acceptable: 2 female students

Good: 2 female science students

Best: 2 female science students
mixing solutions in beaker

Overkill: 2 female students one in white shirt and one in green shirt dropping solution in a beaker in a science classroom.

“Null”

In some cases, images may be given an empty or null alt attribute (e.g., alt="").

<https://webaim.org/techniques/alttext/>

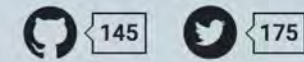
Closed Captioning

- Try watching a video without the audio on – do you know what is going on?
- Benefits outside of Assistive Technology too – Scrolling & Constantly Connected Consumer Society
- YouTube free captioning – free is free
- Rev.com
- Facebook Captions

Color Contrast

- Needs to pass AA standards.
- Look at your brand
- Contrast Checkers (4.5:1 ratio)
 - <http://accessible-colors.com/>
 - <http://contrast-ratio.com/#white-on-%23abb400>

ACCESSIBLE COLORS



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

My background color is #EEEEEE

My design must be AA compliant

Fails AA

Required contrast ratio: 4.5

Your contrast ratio: 4.03

Lorem ipsum dolor sit
amet, consectetur
adipiscing elit, sed do...

Passes AA

if you change background
color to #FBFBFB

New contrast ratio: 4.52

Lorem ipsum dolor sit
amet, consectetur
adipiscing elit, sed do...

or

Passes AA

if you change text color to
#6C6C6C

New contrast ratio: 4.53

Lorem ipsum dolor sit
amet, consectetur
adipiscing elit, sed do...

contrast ratio

Background:

#abb400

2.26

Text color:

white

How to use

↔ Swap colors

As you type, the contrast ratio indicated will update.
Hover over the circle to get more detailed information.

When semi-transparent colors are involved as backgrounds, the contrast ratio will have an error margin, to account for the different colors they may be over.

This sample text attempts to visually demonstrate how readable this color combination is, for normal or **bold** text of various sizes and font styles.

Hint: Press the up and down keyboard arrows while over a number inside a functional color notation. Watch it increment/decrement. Try with the

A white mouse is peeking out from a circular hole in a brown cardboard box. The box is sitting on a black wire mesh surface. In the background, there are shelves filled with various colorful items, possibly in a pet store. The text "Is your sitemap a rat's nest?" is overlaid in white on a dark semi-transparent background.

Is your sitemap a rat's nest?



PDFs



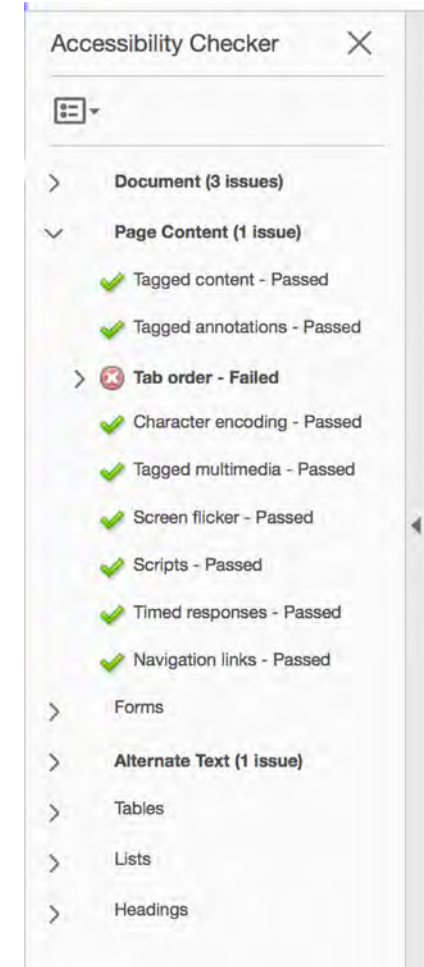
~ Giphy

PDFs Boos

- By nature, they are not accessible.
- Have to be built twice.
- Not mobile responsive – ever!
- People cannot interact with them right away

PDF Tips

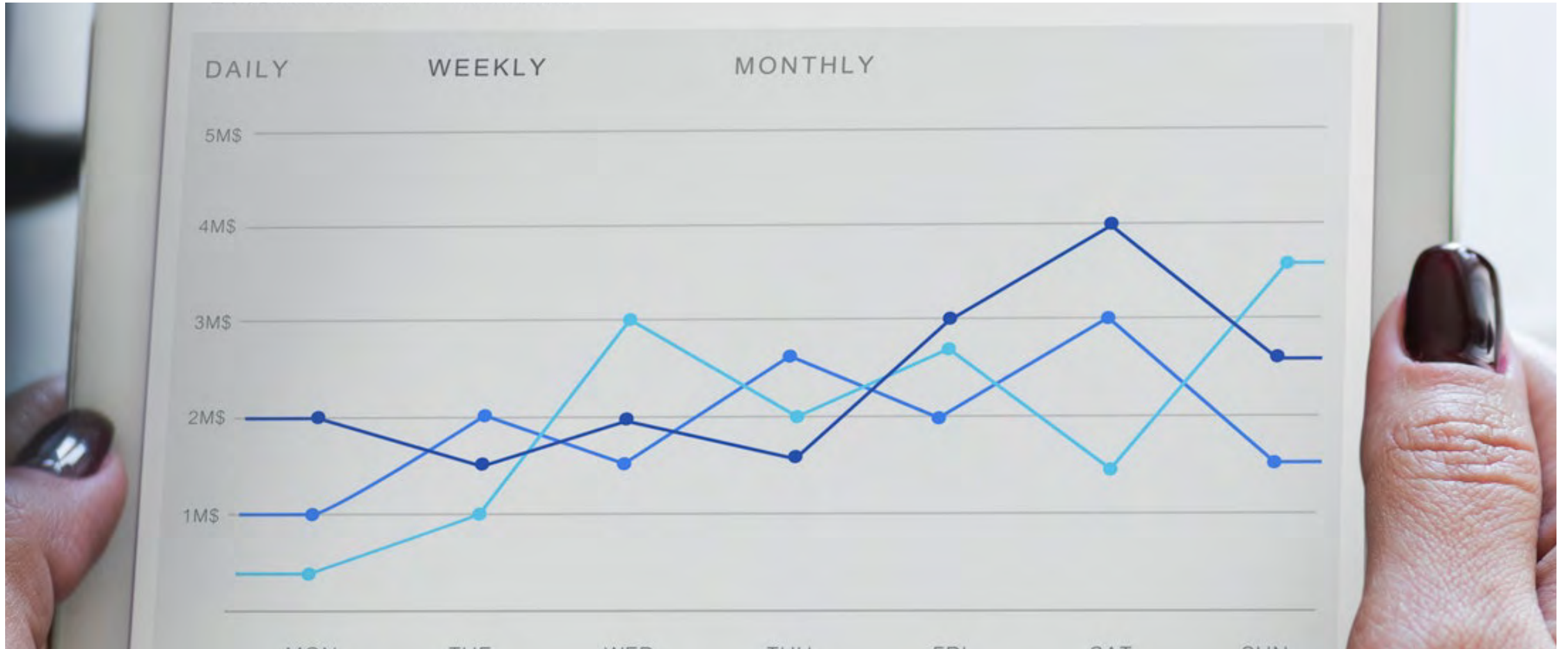
- Start thinking **differently**. Make web pages and do other things instead of posting them online.
- Create a template for PDFs that translates to a landing pages on your website.
- Check PDFs for accessibility – some is manual.
- Archival needs



A photograph of a control room, likely for a space mission, with several operators seated at desks. Each desk is equipped with multiple computer monitors displaying various data, charts, and video feeds. The room is dimly lit, with the primary light source being the screens. In the foreground, an operator is seen from behind, wearing a blue t-shirt with the 'SPACEX' logo. The background shows more operators and additional monitors, some of which are mounted on the wall. The overall atmosphere is one of intense focus and technical monitoring.

Ongoing Monitoring

Documentation



Archival Content

- Accessibility Statement
- Contact
- Plan and Access



Good Reads/Listens

[Are the PDFs on Your Website Accessible?](#)

by CEL

[The All-in-One Digital Accessibility Ebook](#)

by Siteimprove

[17 School Website Accessibility Questions Answered](#)

by Finalsight



<https://celpr.com/schools>

<https://celpr.com/nspra-2018-web-accessibility>