

# Managing **accessible** **content** on thousands of sites

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**Keyword(s):**

accessibility university

**Search**

Reset

Displaying **309** results

**Name of Recipient**

[Saginaw Valley State University \(PDF\)](#)

[Michigan Virtual University \(PDF\)](#)

[The Ohio State University \(PDF\)](#)

[Davenport University \(PDF\)](#)

[University of Cincinnati \(PDF\)](#)

[Boise State University \(PDF\)](#)



# WSU Accessibility Schedule

2017 *New content is accessible*

2017 *Training for all content creators*

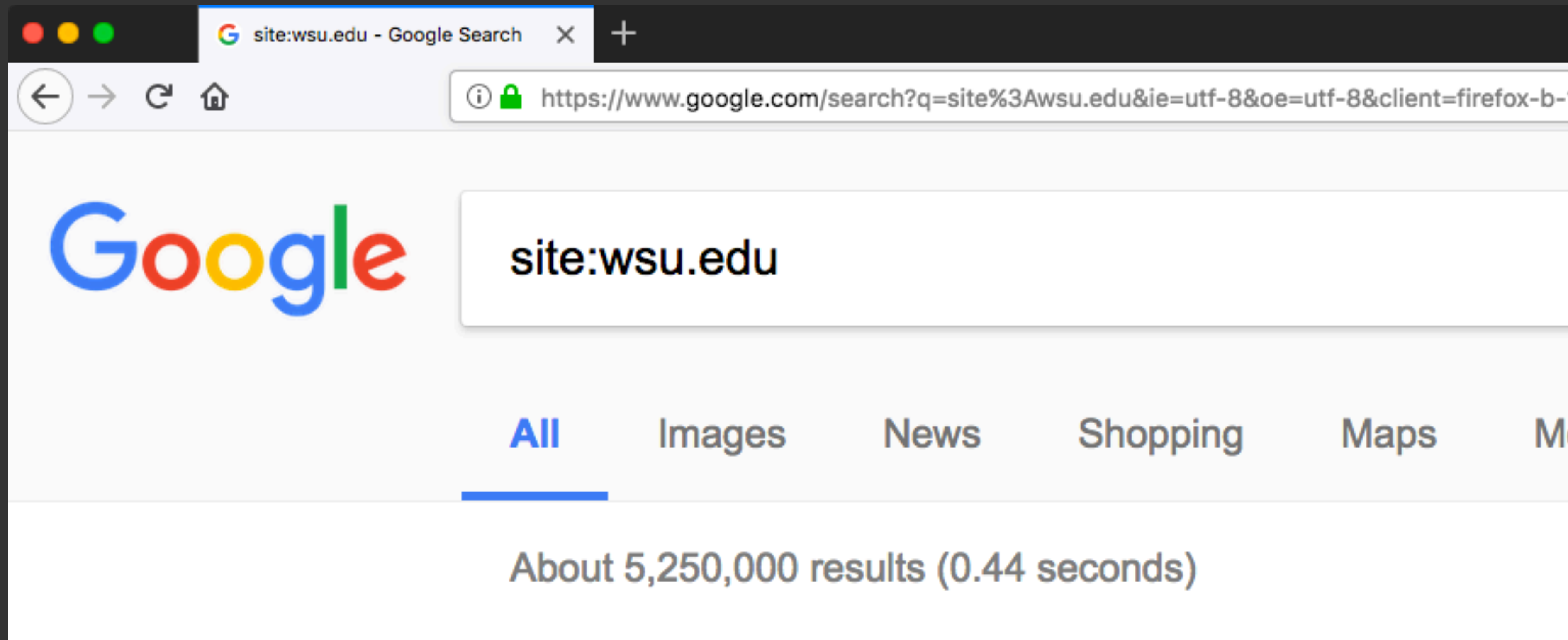
2019 *Old content (2014) is accessible*

*Embrace the problem*

**60** *Networks*

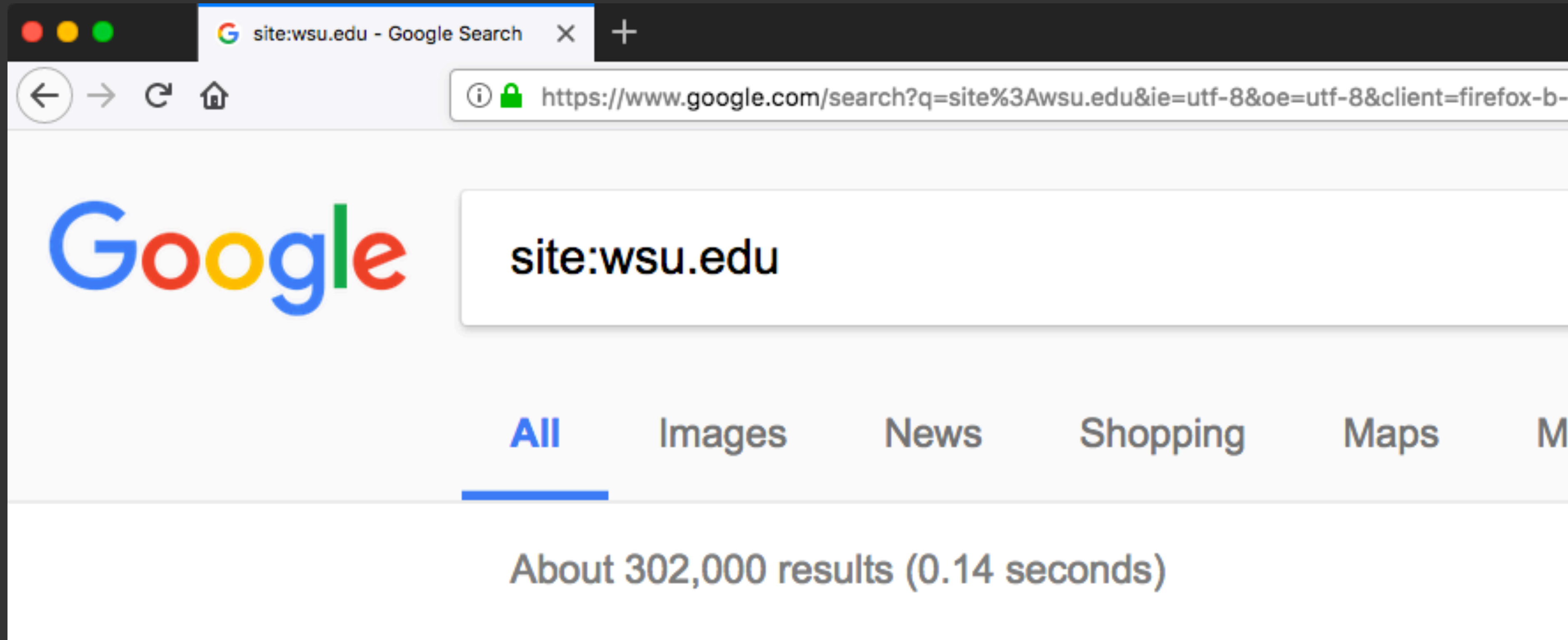
**1716** *Sites*

**6323** *Users*



*Google says we have 5.2 million pages*





*Google says we have  
302,000 pages*



*OK Google. Show me  
all URLs updated in  
the last year....*

# WSU Web Crawler

*Crawls **URLs** for **URLs** and  
stores **URLs** in Elasticsearch*

[web.wsu.edu/web-crawler](http://web.wsu.edu/web-crawler)

# WSU Web Crawler

- *URL*
- *Domain*
- *Anchor elements*
- *WSU Identity*
- *Content*
- *Meta*

[web.wsu.edu/web-crawler](http://web.wsu.edu/web-crawler)

```
// Every second, lock a URL to be crawled.
```

```
setInterval( lockURL, 1000 );
```

```
// Every 1.5 seconds, queue locked URLs to scan.
```

```
setInterval( queueLockedURLs, 1500 );
```

```
// Start an ongoing process for URL storage.
```

```
setTimeout( storeFoundURLs, 2000 );
```

# WSU Web Crawler

**7.5 million** URLs

[web.wsu.edu/web-crawler](http://web.wsu.edu/web-crawler)

```
// Accounts for over 2 million URLs that are
// effectively the same.
if ( url.path.indexOf( "tribe_paged" ) >= 0 ) {
    return false;
}

// Ignore The Event Calendar ICS download URLs.
if ( url.path.indexOf( "?ical=1" ) >= 0 ) {
    return false;
}

// This calendar has no bounds - hello February, 1830!
if ( url.path.indexOf( "jtCalendar.php?" ) >= 0 ) {
    return false;
}
```

WSU Web Crawler

**2.0 million** URLs

[web.wsu.edu/web-crawler](http://web.wsu.edu/web-crawler)



**2740** URLs per day

*Identify issues & owners*

**2388** Subdomains

# WSU Accessibility Collector

*Scans and collects accessibility data for a given set of URLs*

[web.wsu.edu/accessibility-collector](http://web.wsu.edu/accessibility-collector)

# WSU Accessibility Collector

*Pa11y*

*HTML CodeSniffer*

*Elasticsearch*

*[web.wsu.edu/accessibility-collector](http://web.wsu.edu/accessibility-collector)*

```
// Every second, lock a URL to be scanned.  
setInterval( lockURL, 1000 );  
  
// Start process of queueing locked URLs.  
setTimeout( queueLockedURLs, 1000 );  
  
// Start process for scanning queued URLs.  
setTimeout( queueScans, 2000 );
```

# Code

WCAG2AA.Principle1

.Guideline1\_1.1\_1\_1

.H30.2

- *Perceivable content*
- *Guideline 1.1*
- *Success Criterion 1.1.1*
- *Technique H30*

# Context

```
<a href="https://web.wsu.edu/">  
    
</a>
```



# Selector

```
html > body > p:nth-child(1) > a
```

# Message

*Img element is the only content of the link, but is **missing alt text**. The alt text should describe the purpose of the link.*

# WSU Accessibility Dashboard

*Displays data* collected by the  
WSU Accessibility Collector

[dashboard.wsu.edu/accessibility](https://dashboard.wsu.edu/accessibility)



# WSU Accessibility Dashboard

Lookup URL:

Search

Domain	Total URLs	Scanned URLs	Accessibility Errors	Error Rate
<a href="https://extension.wsu.edu">extension.wsu.edu</a>	440348	131259	1522028	11.60
<a href="https://news.wsu.edu">news.wsu.edu</a>	135828	88450	34595	0.39
<a href="https://archive.dailyevergreen.wsu.edu">archive.dailyevergreen.wsu.edu</a>	119597	14684	245008	16.69
<a href="https://tricity.wsu.edu">tricity.wsu.edu</a>	77023	24776	669352	27.02



# WSU Accessibility Dashboard

[Dashboard Home](#) > [Domains](#) > [news.wsu.edu](#)

## Domain: news.wsu.edu

### Errors

Count	Success Criterion	Technique(s)
<a href="#">16535</a>	<a href="#">1.1.1: Non-Text Content</a>	<a href="#">H30</a>
<a href="#">9128</a>	<a href="#">4.1.2: Name, Role, Value</a>	<a href="#">H91</a>
<a href="#">4034</a>	<a href="#">1.3.1: Info and Relationships</a>	<a href="#">H49</a>
<a href="#">1795</a>	<a href="#">1.1.1: Non-Text Content</a>	<a href="#">H37</a>



# WSU Accessibility Dashboard

[Dashboard Home](#) > [Domains](#) > [news.wsu.edu](#) > WCAG2AA.Principle1.Guideline1\_4.1\_4\_3.G18.Fail

## Domain: news.wsu.edu

Domain	URL Path (truncated)	Selector
news.wsu.edu	<a href="#">/announcement/byron-hurt-working-to...</a>	#post-142313 > div > p:nth-child(3) > span:nth-child(3) > em > strong
news.wsu.edu	<a href="#">/announcement/all-are-invited-to-th...</a>	#post-127386 > div > p:nth-child(5) > strong > a > span
news.wsu.edu	<a href="#">/announcement/social-media-risky-bu...</a>	#post-107481 > div > p:nth-child(2) > span:nth-child(3) > strong > a > span
news.wsu.edu	<a href="#">/2005/02/10/behind-the-banning-of-b...</a>	#post-5514 > div > p:nth-child(2) > a > font



# WSU Accessibility Dashboard

[Dashboard Home](#) > [Domains](#) > news.wsu.edu

## Domain: news.wsu.edu

### Selectors

Count	Selector
<a href="#">9128</a>	#shelve
<a href="#">2094</a>	#gallery-1 > figure:nth-child(1) > div > a
<a href="#">2092</a>	#gallery-1 > figure:nth-child(2) > div > a
<a href="#">2017</a>	#gallery-1 > figure:nth-child(3) > div > a



# WSU Accessibility Dashboard

[Dashboard Home](#) > [Domains](#) > [news.wsu.edu](#) > #soundslider

## Domain: news.wsu.edu

Domain	URL Path (truncated)	Criterion	Technique
news.wsu.edu	<a href="#">/2014/01/21/washington-state-univer...</a>	<a href="#">1.2.2: Captions (Prerecorded)</a>	<a href="#">G87</a> <a href="#">G93</a>
news.wsu.edu	<a href="#">/2014/01/21/washington-state-univer...</a>	<a href="#">1.2.5: Audio Description (Prerecorded)</a>	<a href="#">G78</a> <a href="#">G173</a> <a href="#">G8</a>
news.wsu.edu	<a href="#">/2014/01/21/washington-state-univer...</a>	<a href="#">1.2.5: Audio Description (Prerecorded)</a>	<a href="#">G78</a> <a href="#">G173</a> <a href="#">G8</a>
news.wsu.edu	<a href="#">/category/wsu-vancouver-news/page/1...</a>	<a href="#">1.3.1: Info and Relationships</a>	<a href="#">H49</a>
news.wsu.edu	<a href="#">/category/wsu-vancouver-news/page/1...</a>	<a href="#">1.2.1: Audio-only and Video-only (Prerecorded)</a>	<a href="#">G158</a>



# WSU Accessibility Dashboard

Show the *trending health* of  
*web accessibility* at WSU

[dashboard.wsu.edu/accessibility](https://dashboard.wsu.edu/accessibility)

*Solve the problem*

*(People)*

# *The 3 Rs of Accessibility*

*Realistics*

*Resources*

*Restrictions*

***Realistic***

***Not** every content creator  
will be **a WCAG expert***

***Realistic***

***Not** every content creator  
is **a designer***

***Realistic***

*Publish **semantic content**,  
**not design** with content*

# ***Resource***

*Guides, training, and tools*

*[web.wsu.edu/accessibility](http://web.wsu.edu/accessibility)*



***Resource***

***Web components*** and  
*reusable examples*

***Resource***

***Community*** and a sense  
of ***urgency, empathy***

# ***Restriction***

*Content is **created** in an  
**accessible** way*

The image shows a browser window displaying the WordPress post editor. The address bar shows the URL: `src.wordpress-develop.test/wp-admin/post.php?post=94&action=edit`. The top navigation bar includes a menu icon, home icon, another home icon, a speech bubble icon, a plus icon, and a document icon. Below the navigation bar, there is a status bar with a plus icon, a checkmark and the text "Saved", an eye icon, a blue "Publish" button with a dropdown arrow, a gear icon, and a vertical ellipsis icon.

The main content area contains three lines of text, each representing a different header level:

- An H2 header on the post**
- An H4 header under that header**
- An H3 header on the post**

# Document Outline

- **H2** An H2 header on the post
- **H4** An H4 header under that header  
*(Incorrect heading level)*
- **H3** An H3 header on the post

Document

Block



## Text Color



```
add_action( 'after_setup_theme', 'add_my_cp' );
```

```
function add_my_cp() {
```

```
    add_theme_support( 'guttenberg', array(
```

```
        'colors' => array(
```

```
            '#191919',
```

```
            '#333333',
```

```
            '#fa5735',
```

```
            '#f3f3f3',
```

```
        ),
```

```
    ) );
```

```
}
```

Document

Block



## Text Color



Clear



# ***Restriction***

*Custom blocks (shortcodes)*

# Managing **accessible content** on thousands of sites

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[jeremyfelt.com/wcus-2017/](http://jeremyfelt.com/wcus-2017/)

