

# What is accessibility

## And why should I care?

# Abbreviations & Terms

# Abbreviations & Terms

a11y

# Abbreviations & Terms

**Person-first,  
identity-first,  
person-centred**

# Abbreviations & Terms

# PwD & TAB

# **Abbreviations & Terms**

# **Medical & Social**

# **models**

# Did you know?

**Did you know?**

**1 in 5**

**Canadians**



# What is accessibility?

# Accessibility

**The quality of being able to be reached or entered; the quality of being easy to attain or use; the quality of being easily understood or appreciated.**

# What is accessibility?

**Available !=**

**Accessible**

**What is accessibility?**

**Assistive & adaptive  
technology (AT)**

# What is accessibility?

**Permanent, temporary,  
visible, invisible**

**Did you know?**

**Pain, flexibility,  
mobility**

# Properly Semantic HTML

# Fun with abbreviations

W3C



# Fun with abbreviations

**WAI**

**Fun with abbreviations**

**WCAG 2.1**

**Fun with abbreviations**

**ATAG 2.0**

# Fun with abbreviations

**ARIA**

# Fun with abbreviations

# POUR

P & O & U & R

Perceivable

P & O & U & R

Operable

**P & O & U & R**

**Understandable**



**P & O & U & R**

**Robust**

**Did you know?**

**Less likely to graduate  
HS or attend college or  
university**

# When to use ARIA

# When to use ARIA

# Conditional Visibility

# When to use ARIA

# Advanced UI

# controls

# When to use ARIA

# Dynamic Content

# How does ARIA work?

- Accessibility Tree

- Role

```
<h1 role="button">Save</h1>
```

```
<button role="heading" aria-level="1">Title</button>
```

- Relationship

```
<img src="" aria-describedby="imgInfo" />
```

```
<p id="imgInfo">This is an image description</p>
```

- State

```
<div role="checkbox" aria-checked="false">On</div>
```

```
<div role="checkbox" aria-checked="true">Off</div>
```

**Did you know?**

**Underemployed &  
paid less**



# Next Steps

# Keep a11y in mind

# Next Steps

**Small changes  
add up**

# Next Steps

**Ask forgiveness,  
not permission**

# Next Steps

# Internal tools & systems

# Next Steps

# Meetups & conventions

# Properly Semantic HTML

# Resources & Tools

- Pragmatic Accessibility video
- Google Web Accessibility course
- Contrast Ratio by Lea Verou
- Access Needs Posters from the UK Home Office
- Colour-blindness Simulator site
- HTML CodeSniffer bookmarklet by Squiz Labs
- Funkify Disability Simulator extension

# Resources & Tools

- POURing Over Your Website: An Introduction to Digital Accessibility **article**
- Accessibility Guidelines and Tools: How Do I Know My Website Is Accessible? **article**
- Digital Accessibility Resources & Tools **gist**
- Easy Accessibility Wins **gist**



# AMA!



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