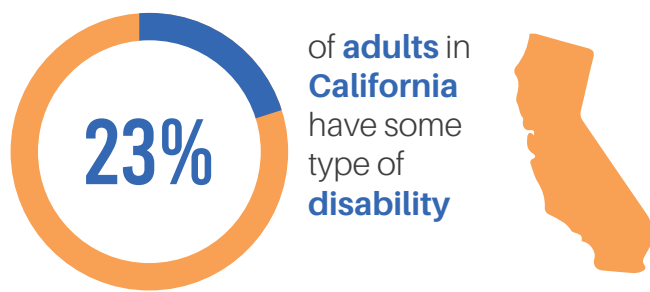
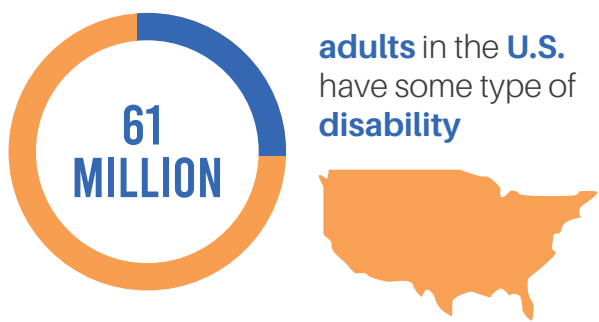


WHAT IS DIGITAL ACCESSIBILITY?

A practice that enables inclusive access to online content

Often associated with buildings and construction, ADA compliance also encompasses the electronic environment.



9/10 WEBSITES are not accessible



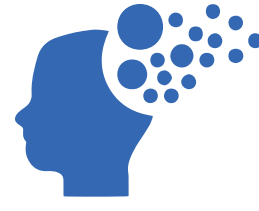
TYPES OF IMPAIRMENTS



Visual



Auditory



Cognitive



Mobility

WHO ELSE NEEDS DIGITAL ACCESSIBILITY?

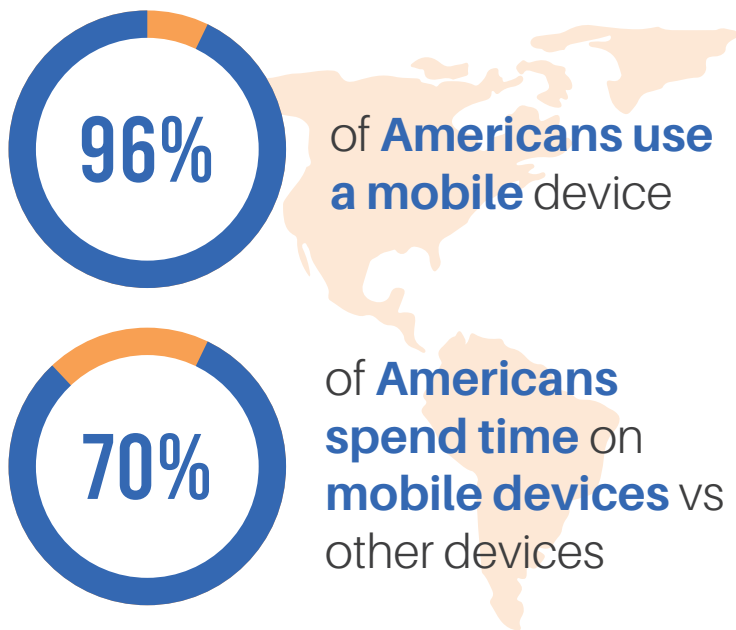


Senior Citizens



Mobile Users

Digitally accessible websites are mobile friendly!



-What is -a11y ?

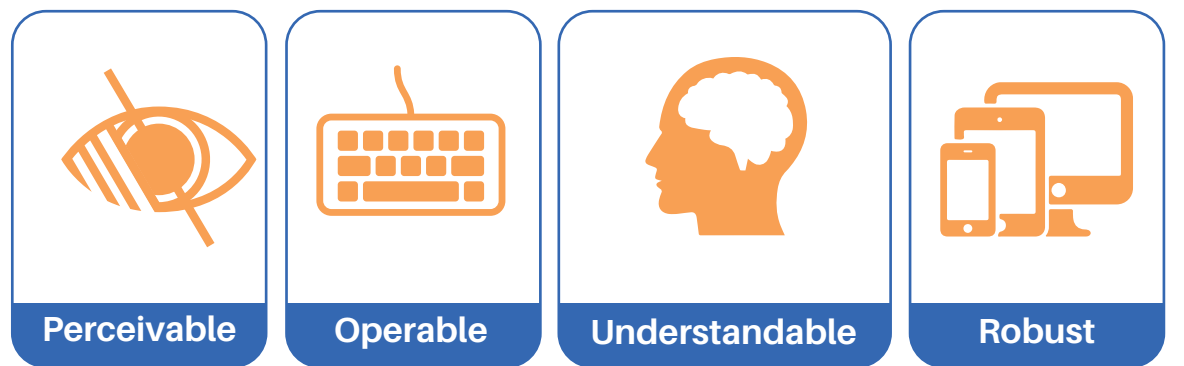
#a11y is a numeronym – the first and last letters of “accessibility” are preserved, replacing the remaining letters between with their sum total of 11.

a c c e s s i b i l i t y
1 2 3 4 5 6 7 8 9 10 11
a 1 1 y

CONTENT THAT SHOULD BE ACCESSIBLE

- Applications
- Links
- Audio files
- Tables
- Documents
- Text
- Formulas
- Videos
- Images
- Websites

THE PRINCIPLES OF ACCESSIBLE CONTENT



ASSISTIVE TECHNOLOGIES



Screen Magnification Software



Screen Readers



Speech Input Software



Closed Captioning

LAWS



Section 508

Rehabilitation Act 1973 is a Federal law that requires all electronic and information technology be accessible to people with disabilities

CA Government Code Section 7405

Requires that all state agencies comply with Section 508 of the Federal Rehabilitation act

AB 434

Assembly Bill 434 (Government Code 11546.7) requires the Director and Chief Information Officer of each state agency to certify that the entity's Internet Web site is in compliance with WCAG 2.0 or subsequent version

WCAG

Web Content Accessibility Guidelines (WCAG) is a set of formal guidelines on how to make web/online content more accessible for users with disabilities and on different devices (such as mobile)

BEST PRACTICES

Fonts

Fonts should change size independently from the screen size

Language

Use straightforward language appropriate for your audience

Caption

Videos should be captioned or provided with a transcript or sign language translation

Forms

Forms should be designed so they can be tabbed though without a mouse

Color Contrast

Use colors with enough contrast between the foreground and background

Audio

Audio and video should feature a pause option

ALT Text

Use alternative text or <alt> tags on images

HTML

Use semantic HTML

Color

Use something other than color alone to convey information

Navigator

Keep navigation simple

Sources

- pewinternet.org/fact-sheet/mobile
- emarketer.com/content/us-time-spent-with-mobile-2019
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- w3.org/WAI/WCAG21/Understanding/intro#understanding-the-four-principles-of-accessibility
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- leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill_id=201720180AB434
- cdc.gov/ncbddd/disabilityandhealth/infographic-disability-impacts-all.html