

Web Accessible Content

eLearning 101
11 October 2016

Scope

- Benefits of Accessible content
- Focus on learning materials
- Non-technical principles
- Examples
- This is just the beginning.

Why should we care?

- Web content standards
<https://www.w3.org/WAI/>
- Disability Discrimination Act 1992
<https://www.legislation.gov.au/Details/C2013C00022>
- Sydney Olympic Committee case study
<https://www.w3.org/WAI/bcase/socog-case-study>
- Level AA commitments from other Australian universities
 - > The University of Melbourne:
<http://www.unimelb.edu.au/accessibility/about>
 - > Monash University
<http://www.monash.edu/accessibility>
- It is a human right (AHRC)
<https://www.humanrights.gov.au/world-wide-web-access-disability-discrimination-act-advisory-notes-ver-41-2014#publishing>

Accessible content **looks better**

Example: CSS Zen Garden

<http://www.csszengarden.com>

Accessible content writing
takes less time

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Formatting vs Writing

Accessible content writing
takes less time

Structure vs Format

Accessible content works on everything



Accessible content is more reusable



Videos



Podcasts



Apps



Articles



Books



Web

Web Accessibility
is good for everyone

Web Accessibility
is good for YOU

Things to remember



Accessibility **First**

Typical workflow



REALLY typical workflow



IDEAL workflow



Make your text **complete**

Then add images.

If they **hear** it,
will it make sense?

Sometimes,
transcripts are not meaningful.

“This is π , but how did Archimedes calculate it?

Here is a formula that is derived from Archimedes' method that approximates the value of π .

If they **hear** it,
will it make sense?

How to Calculate Pi, Archimedes' Method

by **mathematicsonline**

<https://youtu.be/DLZMZ-CT7YU>

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The presenter is referring to a mathematical formula that is not available in the transcript.

“... Next, inside the circle we inscribe a polygon. And we increase the number of sides repeatedly.

What we can see is that every time we increased the number of sides of the polygon, the more it resembled the shape of the circle.

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The presenter is referring to a sequence of images in the video that is not available in the transcript.

“... Next looking at one of the sides of the polygon, we can see that it is actually equal to ‘ $a + a'$ ’.

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Much of the language in the transcript is relevant **ONLY** to sighted people. Blind audiences miss out on critical information.

The transcript is accurate but useless.

Using LEO (Moodle)

Watch the [webinar recording](#)
at the 27-minute mark.

Using MS Word

Watch the [webinar recording](#)
at the 35-minute mark.



Things to remember

- Accessibility **First**
- Make your text **complete**.
Then add images.
- If they **hear** it, will it make sense?



Benefits

- Accessible content **looks better**
- Accessible content writing **takes less time**
- Accessible content **works on everything**
- Accessible content **is more reusable**
- Web Accessibility **is good for everyone.**
Especially YOU.

Thank you!