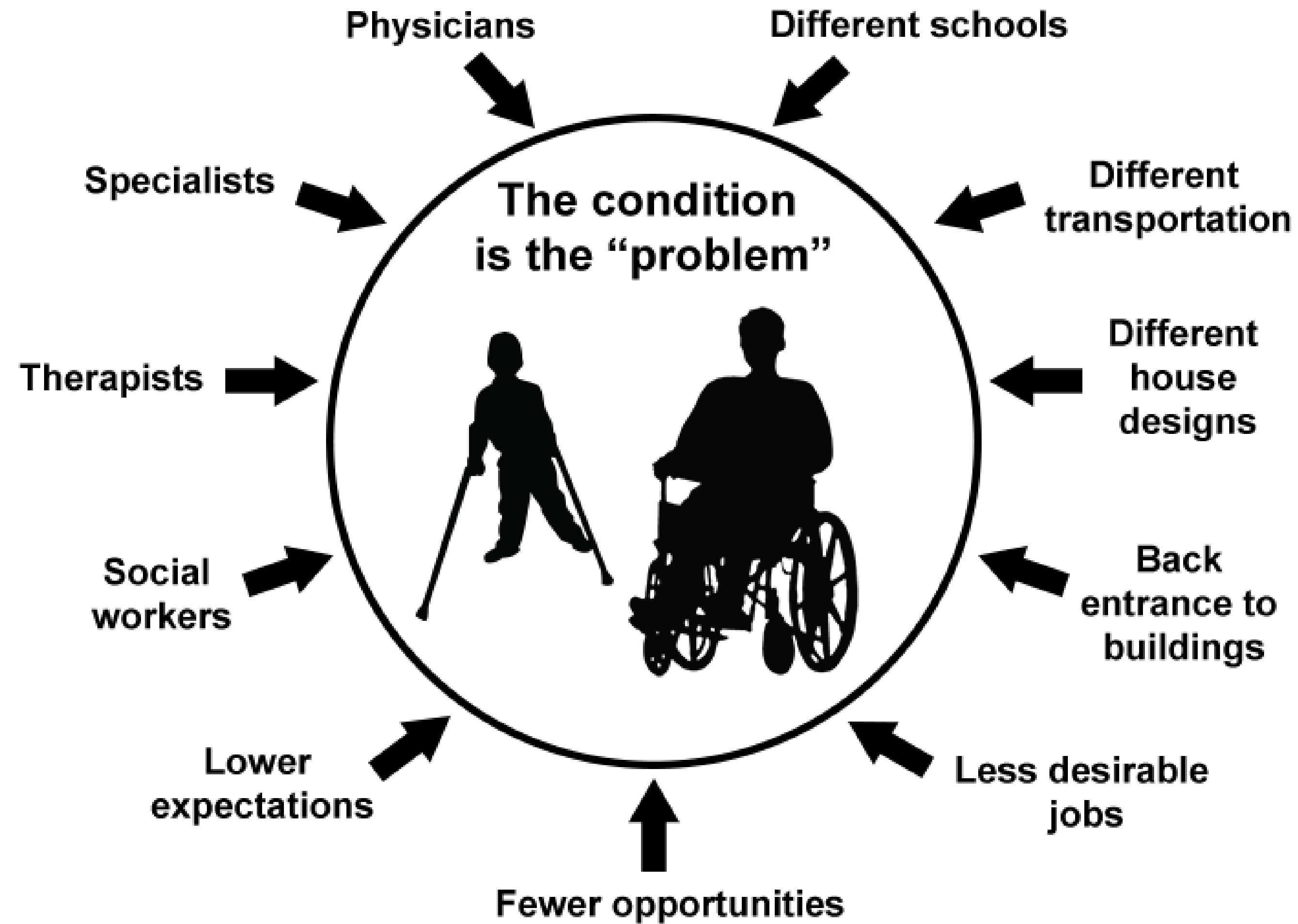




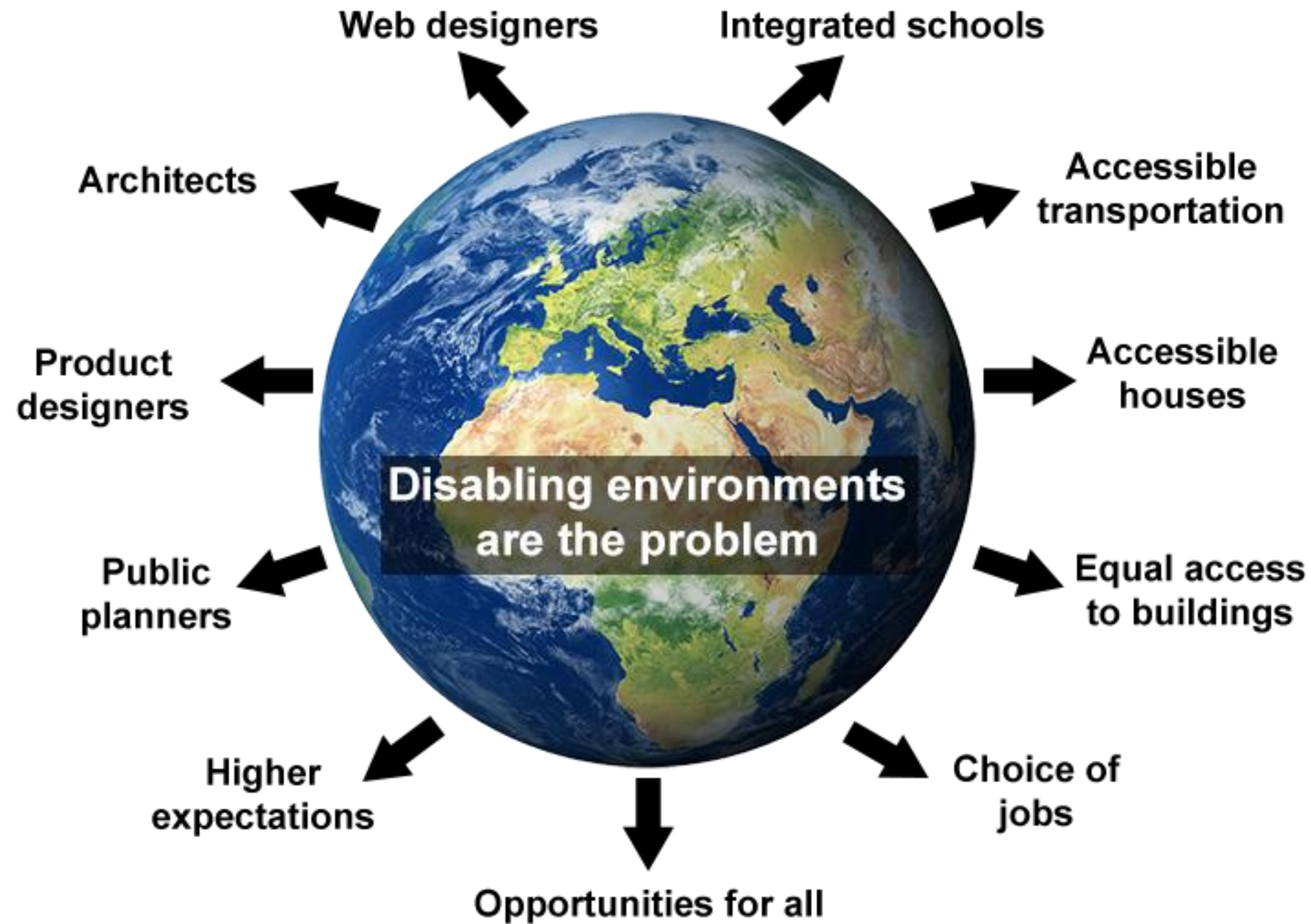
# **...And Accessibility For All**

by Jurij Nesvat

# The Medical Model of Disability



# The Social Model of Disability







Copyrighted Material

People with Disabilities  
Forging a New Civil Rights Movement

# NO PITY



JOSEPH P. SHAPIRO

"The primer for a revolution..." —*Chicago Tribune*

Copyrighted Material

We need to be **ADA** compatible!

We all go to jail because of **Section 508!!!**

Do we comply to directive **2014/24/EU?**

**EN 301 549** will destroy our families and send plague to our homes!

这是否可以访问？

# WCAG

(just check the version)

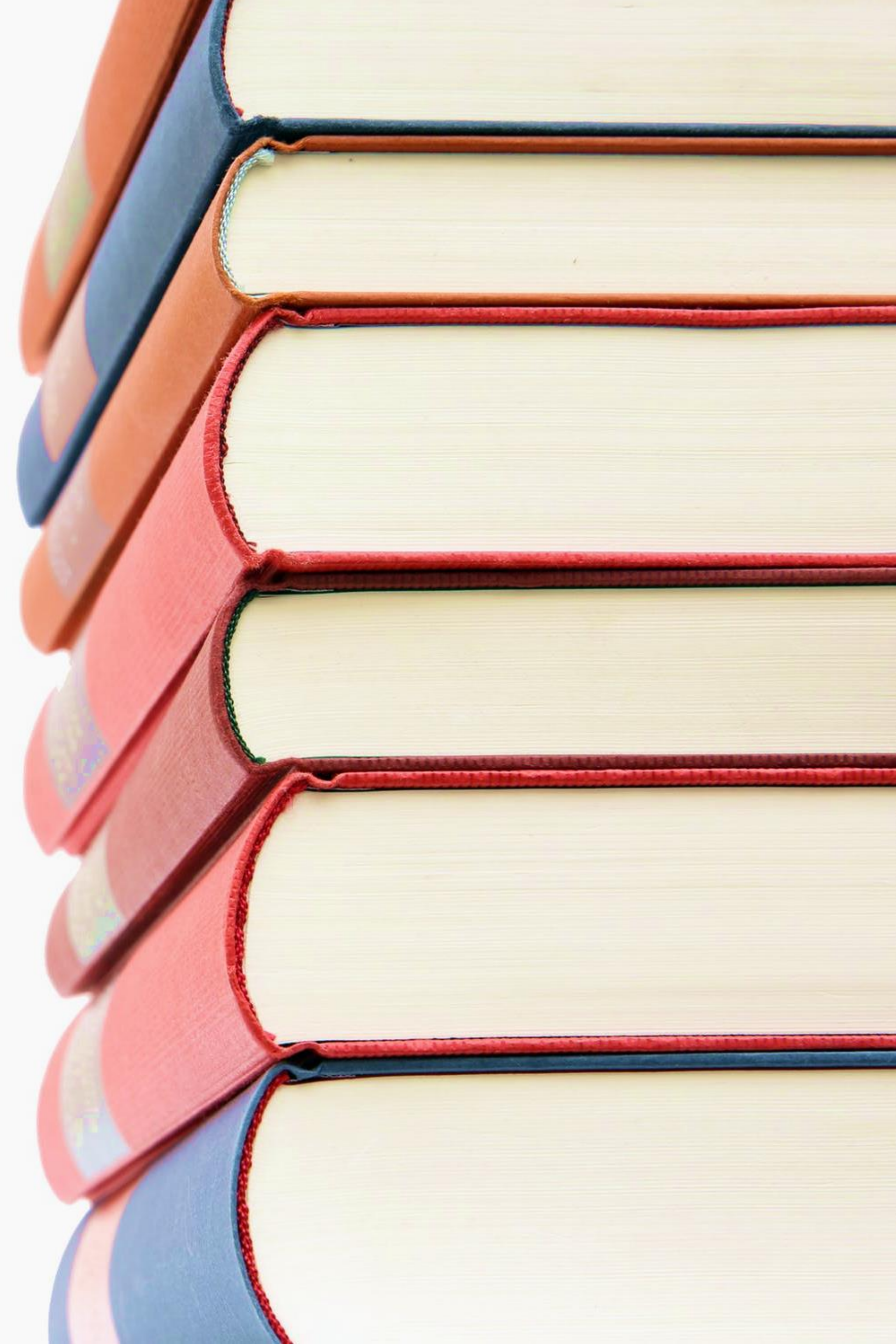
**To use WCAG or not to use?**





# WCAG is Complex

- Over 1,200 pages
- Vague at times
- Requires interpretation
- IT IS BUILT FOR POLICIES MAKERS

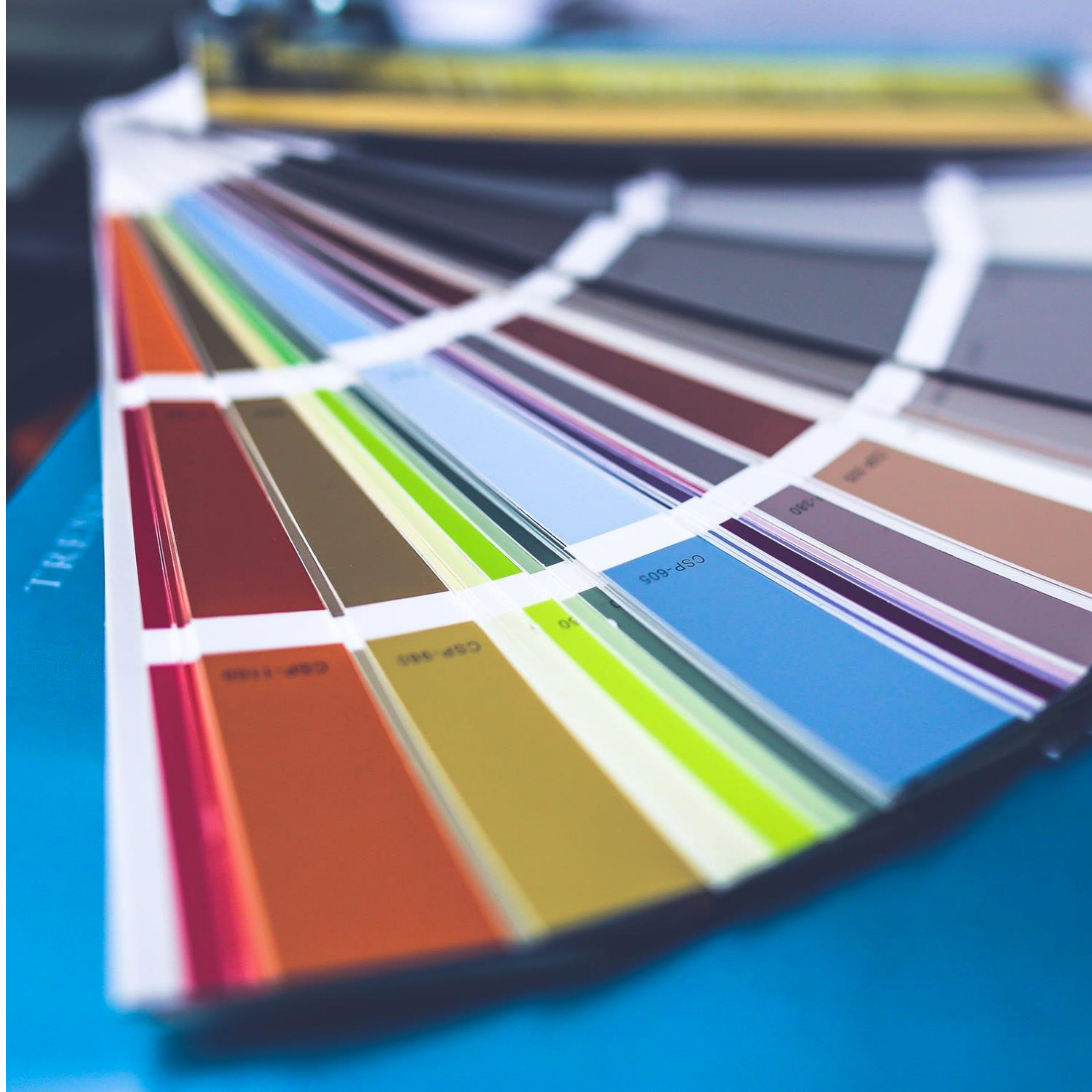


**You are (not) alone**



# Design

- Consistent navigation
- Color Contrast
- Blinking
- Bypass blocks
- Media handling
- Predictable design





\_\_\_\_\_

- ARIA usage
- Semantic code
- Automation implemented as part of CI

```

<div class="container">
  <div class="carousel-caption">
    <h1>One more for good measure.</h1>
    <p>Cras justo odio, dapibus ac facilisis in, egestas eget quam.</p>
    <p><a class="btn btn-lg btn-primary" href="#" role="button">
      </div>
    </div>
  </div>
  <div>
    <a class="left carousel-control" href="#myCarousel" role="button" data-
      <span class="glyphicon glyphicon-chevron-left" aria-hidden="true">
      <span class="sr-only">Previous</span>
    </a>
    <a class="right carousel-control" href="#myCarousel" role="button" data-
      <span class="glyphicon glyphicon-chevron-right" aria-hidden="true">
      <span class="sr-only">Next</span>
    </a>
  </div><!-- /.carousel -->

<!--Featured Content Section-->
<div class="container">
  <div class="row">
    <div class="col-md-4"></div>
    <div class="col-md-4"><h2>FEATURED CONTENT</h2><div class="feature
    <div class="col-md-4"></div>
  </div>
  <div class="row">
    <div class="col-md-4"></div>
    <div class="col-md-4"></div>
    <div class="col-md-4"></div>
  </div>
</div>

```



# Developers want Simple!

- Workflow
- Code Snippets
- Components
- Clear Requirements





VISA

[Accessibility](#)
[Requirements](#)
[Testing](#)
[Training](#)
[FAQ](#)
[modal](#)

Global Accessibility <sup>beta</sup>

Overview

► General

► Navigation

▼ Interaction

Accessible Forms (INT-001)

Error Messaging (INT-002)

System Messages (INT-003)

Modal Windows (INT-004)

Onchange / Onfocus (INT-005)

Buttons and Links (INT-006)

Control Moving Content (INT-007)

No Blinking/Flashing (INT-008)

Give Users Time (INT-009)

► Content

► Visual

INT-WEB-004-08

Modals Trigger on Enter

Modal windows must have the < ENTER > keyboard event trigger set as the modal's main call-to-action (e.g., Submit form, etc.). For the most part you shouldn't have to do anything programmatically for this control unless you're using non-standard or custom controls. Make sure you put the focus on the first focusable element in the modal. If it's a control in a form then hitting enter should submit your form (as long as the form has a 'submit' action). If the focus is placed on a link or button then hitting *Enter* will activate that button. If you use custom controls make sure that if the user hits enter the primary action of the modal is triggered.

INT-WEB-004-09

Modals Close on ESC

Modal windows must have the ESC keyboard event set to close the modal.

```

<div id="modal" role="dialog" aria-labelledby="title"
aria-describedby="description">
  <h1 id="title">Payment Information</h1>
  <div id="description" class="screen-reader-only">
    Use this modal window to pay for the thing you're trying to bu
  </div>
</div>

```

VGAR



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# Testing

- A lot of manual testing with Screen reader



**Usage experience cannot be  
automated**

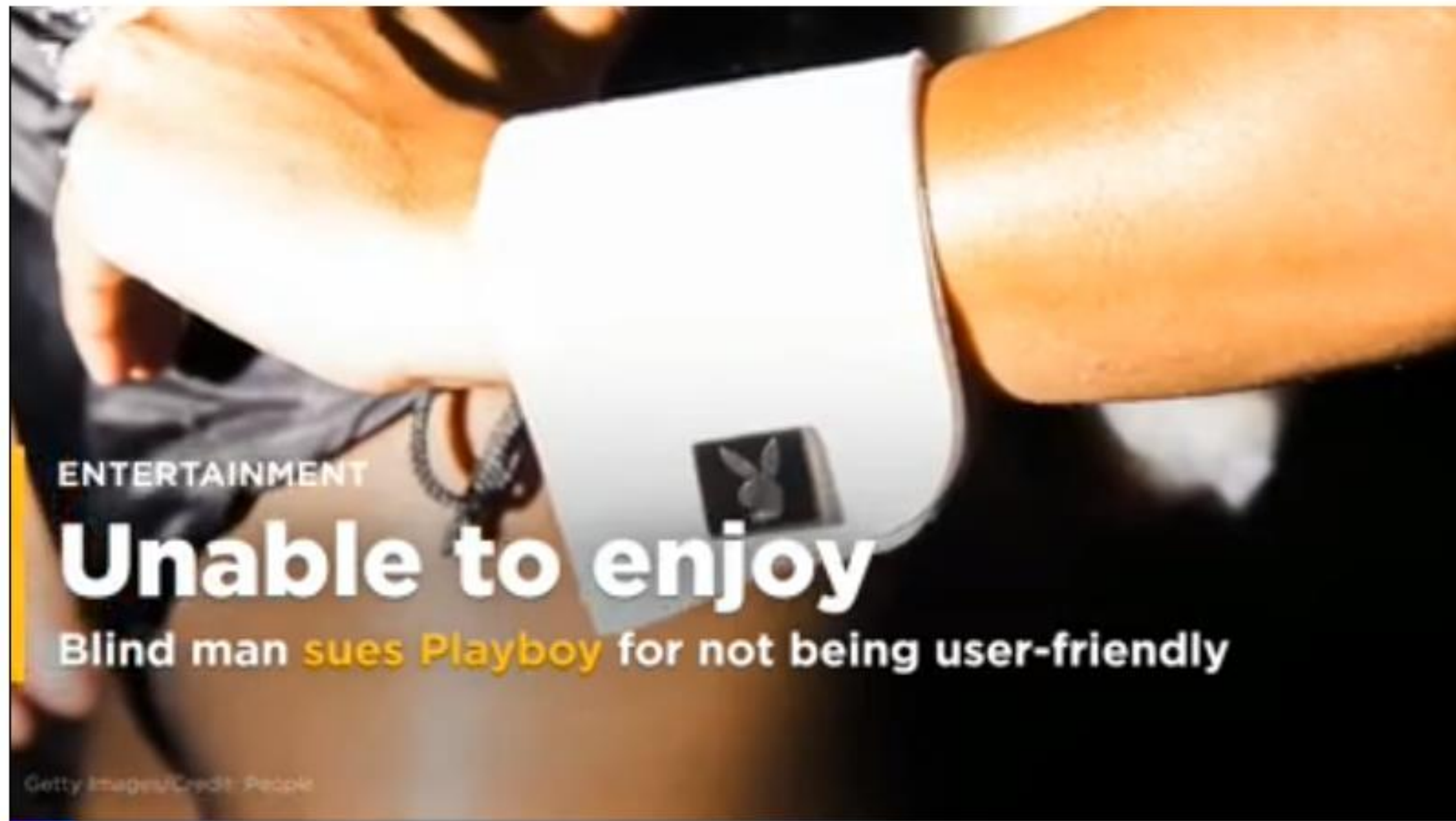
Only **20-30%** of all bugs found.

**False positives** are the  
real threat



**Most of the testing should be similar to the real behavior of users with disabilities.**

**Focus on a potential user**



A blind man says he wants to read [Playboy](#) for the articles but can't.

# Testing principle No 1

(according to ISTQB foundation)

- 1. There will be bad color combinations**
- 2. There will be some borderlines missing**
- 3. There will be other browsers**
- 4. There will be other screen readers**



# Accessibility career

**You will not became a billionaire from accessibility testing**



**Accessibility practices Director**

**or**

**Accessibility program Manager**



A woman wearing a grey headscarf and a grey tunic is walking through a crowd of people in a town with stone walls. She has a serious expression. The crowd consists of men and women in medieval-style clothing. The background shows a stone wall with an arched doorway.

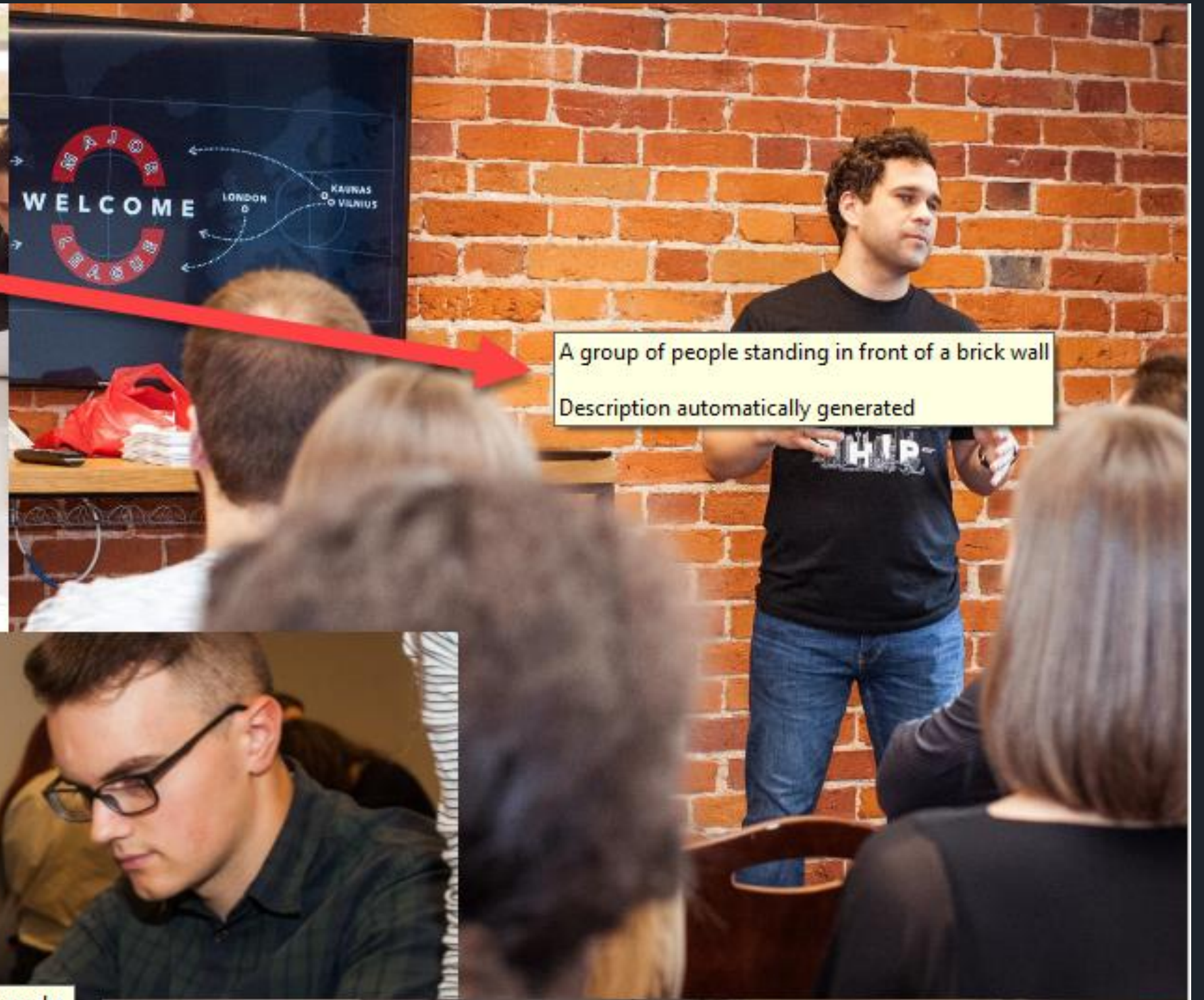
**SHAME. SHAME. SHAME.**

**P.S.**





A group of people sitting at a table  
Description automatically generated



A group of people standing in front of a brick wall  
Description automatically generated



A group of people looking at a cake  
Description automatically generated





?