



Embedding Accessibility

Aaron Gustafson

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About Me

- Working on the web since '96
- Accessibility since Y2k
- Principal Technical Program Manager, Microsoft
- Author, *Adaptive Web Design*
- Editor-in-chief, *A List Apart*
- Founder, WebWeWant.fyi

Previously

- Web Standards & Accessibility Evangelist, Microsoft Edge
- Allyship Program Lead, Web Experiences, Microsoft
- Web Apps editor, W3C
- Manager, Web Standards Project



[text.gif] [enter.gif]-Submit



(NORMAL LINK) Use right-arrow or <return> to activate.
Arrow keys: Up and Down to move. Right to follow a link; Left to go back.
H)elp O)ptions P)rint G)o M)ain screen Q)uit /=search [delete]=history list




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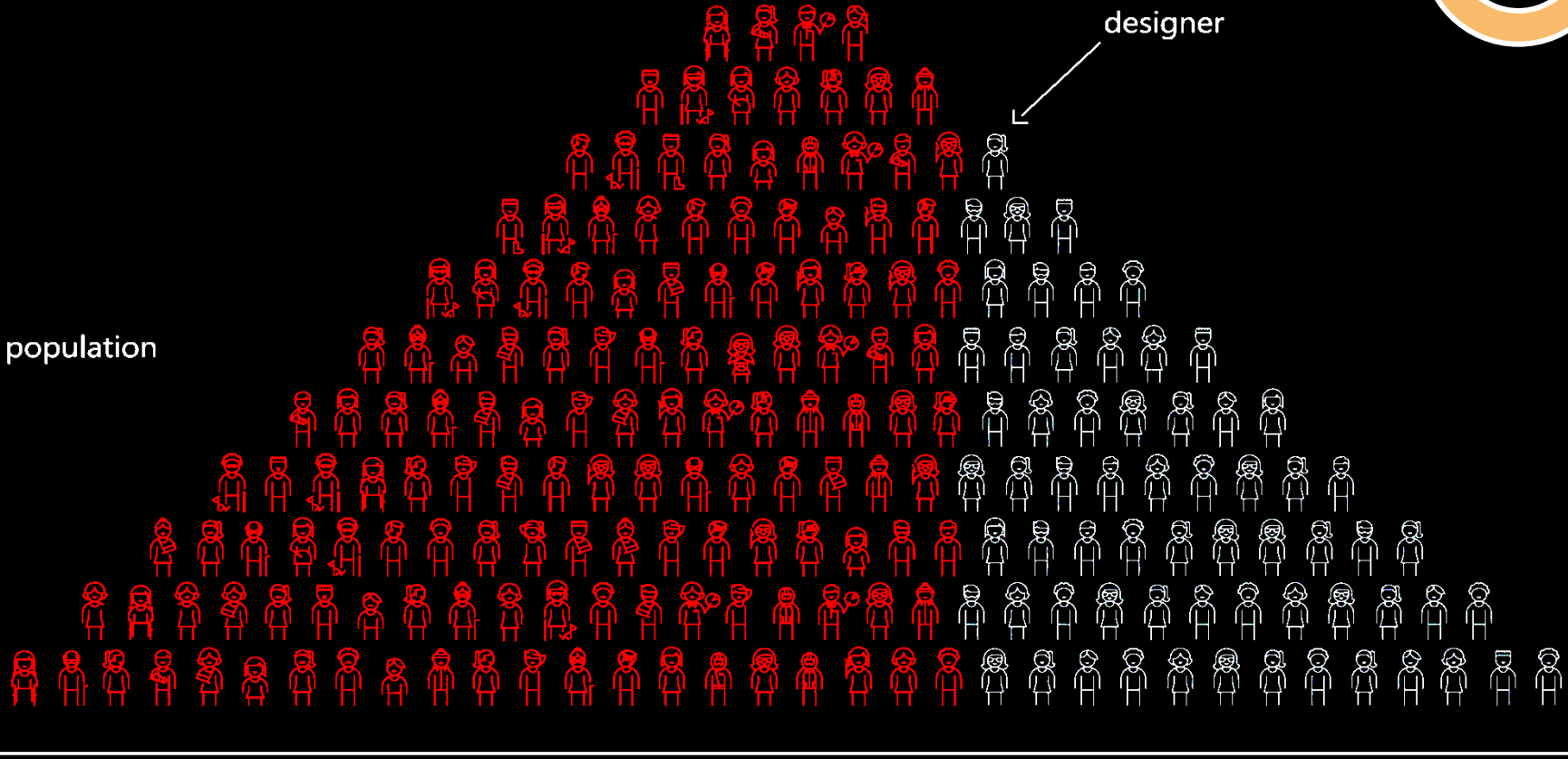


Embedding
accessibility starts with
fostering a diverse &
inclusive culture



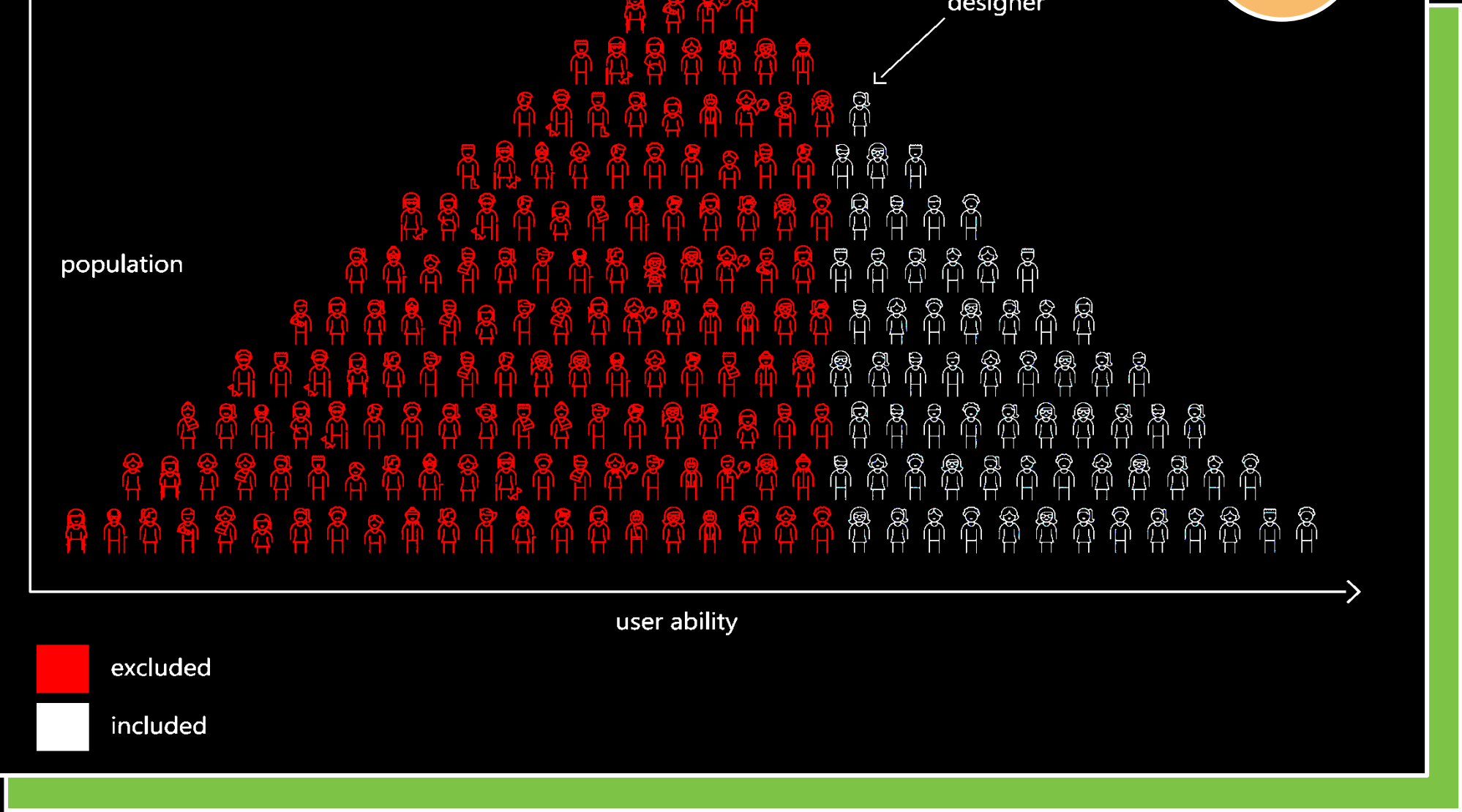
D&I drives value

Diverse teams build
better products



-  excluded
-  included

user ability

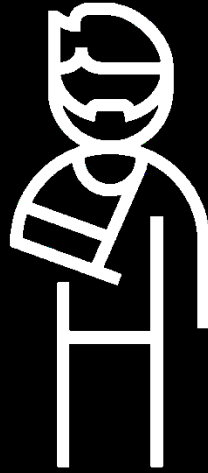




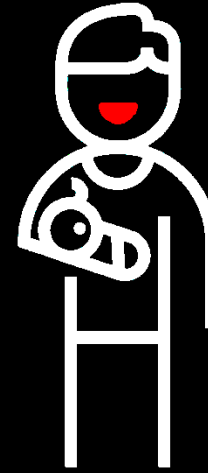
Disabilities
are designed



one arm



arm injury

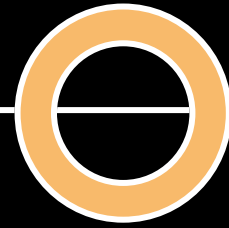


new parent

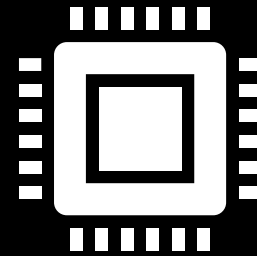
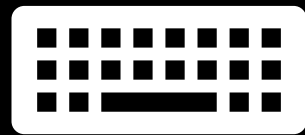
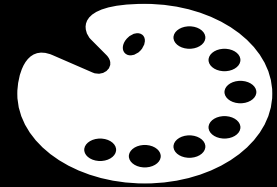
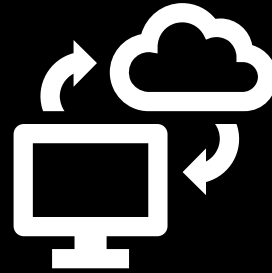
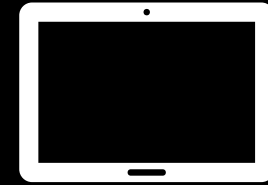
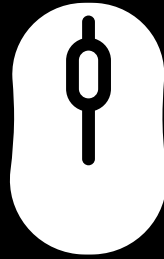
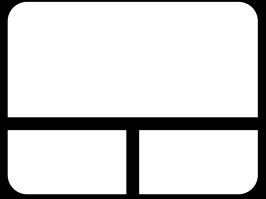
permanent



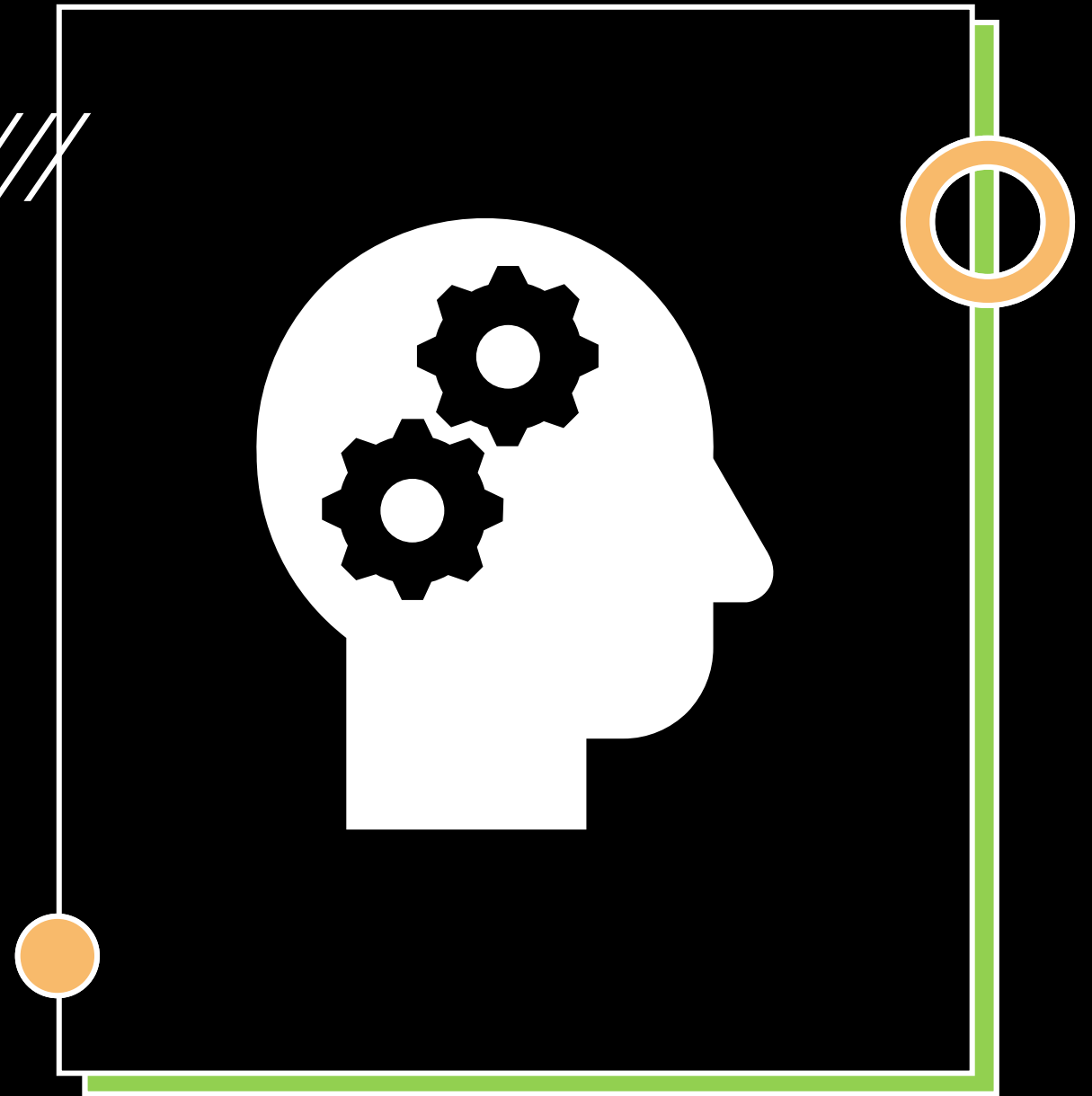
situational



Technology creates disabilities too



Learning &
growth are key



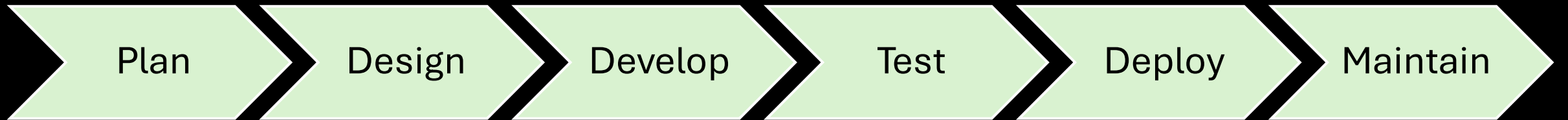


Accessibility
is a market
opportunity

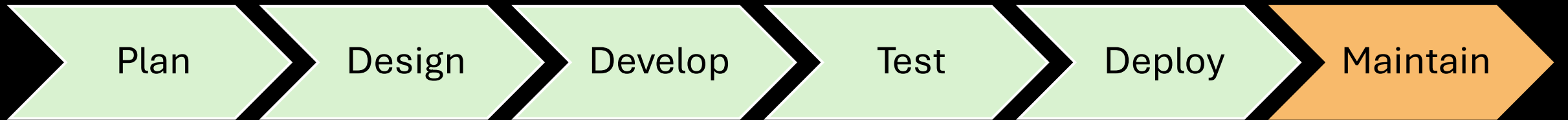


Change takes time
but it's worth it

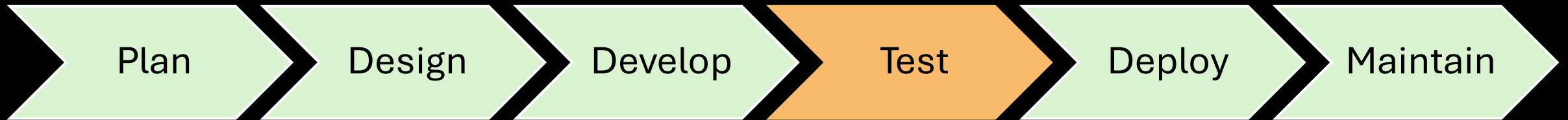
Typical process



Reactionary accessibility approach



Checklist-driven accessibility approach



Holistic accessibility approach



Holistic accessibility approach



Holistic accessibility approach





Results for accessibility

All 210

Files + templates 100

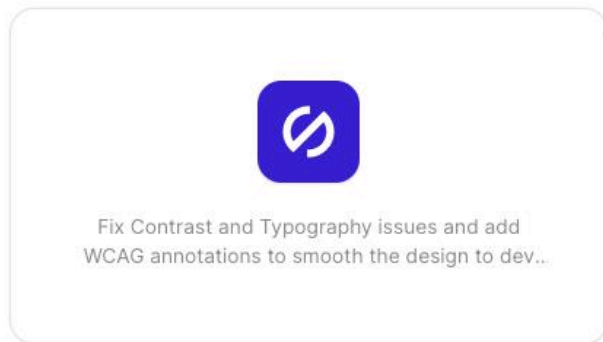
Plugins 100

Widgets 10

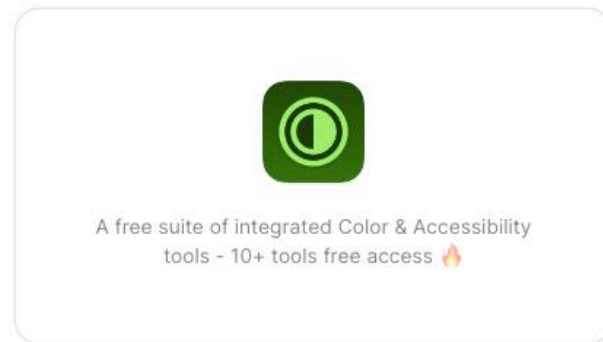
Creators 11

Figma Paid + free All creators

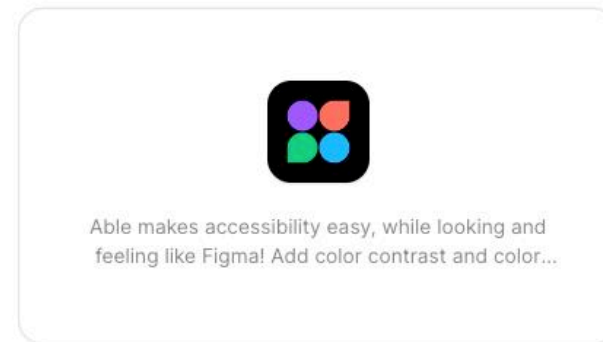
Relevancy



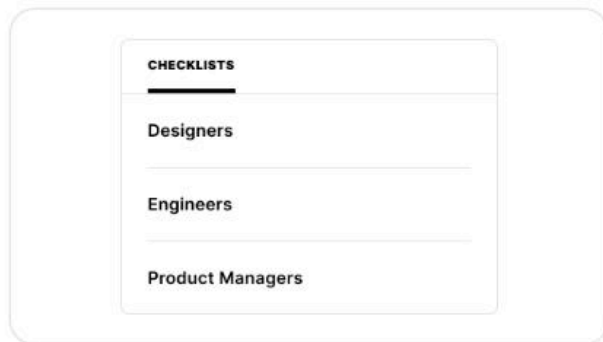
Stark - Contrast & Accessibility... by Stark 5.2k 364k



Color Palettes (Colorsinspo) ... by Hexorial Studio and 2 others 2.2k 273k



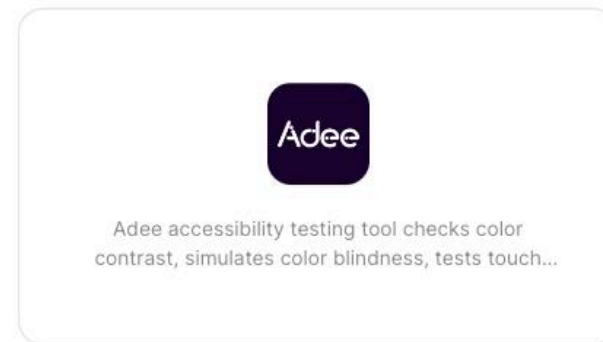
Able - Friction free accessibility by Sondre Kvam 1.4k 109k



Stark Accessibility Checklist by Stark 459 26.9k



Handoff de Acessibilidade - Criado... by Marília Suzart 27 458



Adee Comprehensive Accessibilit... by Adee 470 25.3k

[Help Center](#) > [Account settings](#) > [Using Design Accessibility](#)

Using Design Accessibility

Canva believes in providing accessibility tools to ensure your designs are as inclusive. With Design Accessibility, you can find out what accessibility issues are present in your design so that you can fix them without needing to be an accessibility expert.

Design Accessibility isn't a guarantee of accessibility compliance, but it'll help get you there. It's another step toward making Canva the world's most accessible design tool.

Here's how to use the Design Accessibility feature in your designs.

Computer

Mobile

1. Open the design that you'd like to check the Accessibility.
2. From the Editor, select **File** from the menu, then click **View Settings**.
3. Select **Check Design Accessibility** from the options to open the Design Accessibility window on your editor.

You'll see a summary of accessibility issues detected that are grouped by category, which is:

Typography

Text with font sizes smaller than 12pt can be difficult to read, especially for people with visual impairments. If small text is detected, you can manually adjust your font size to be 12pt or larger in the editor or by clicking on



Create color blind safe themes

Create accessible color themes from the CREATE page by choosing the Accessibility Tools tab. You can create first on the Color Wheel tab or the Extract Theme tab and then select the Accessibility Tools tab to make adjustments or create your theme from start to finish on the accessible color wheel.

ON THIS PAGE

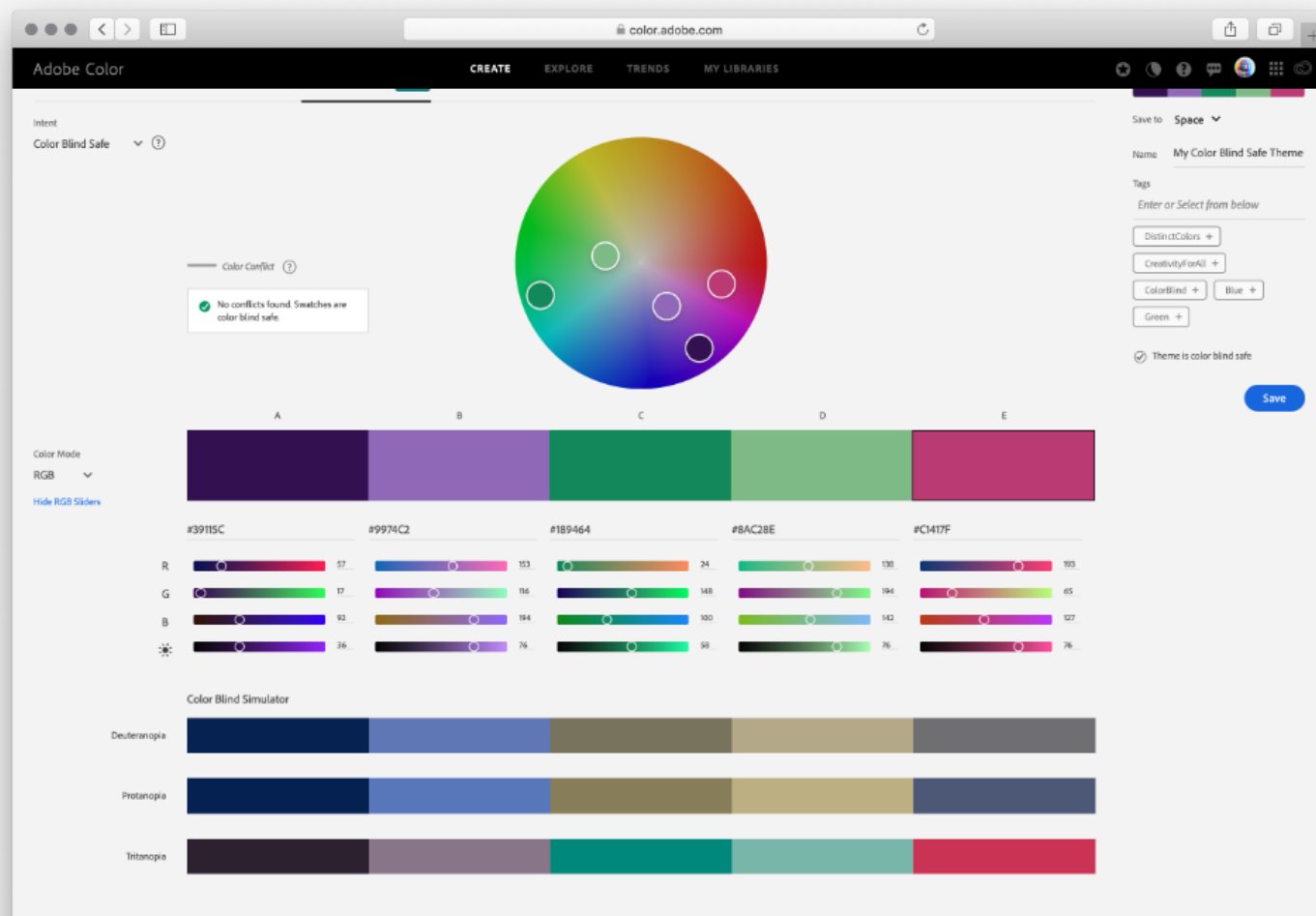
[Color blind safe themes](#)

[Create color blind safe themes](#)

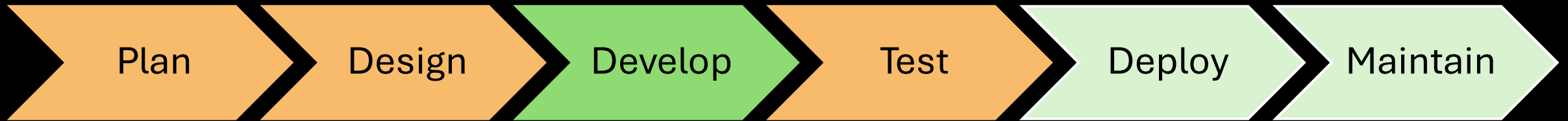
[Saving color blind safe themes](#)

[Finding your color blind safe themes](#)

[Using your color blind safe theme](#)

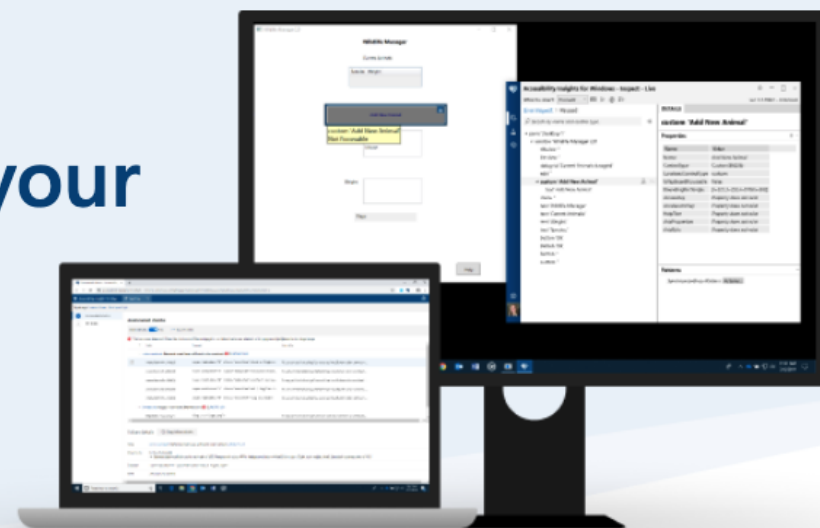


Holistic accessibility approach



Solve accessibility issues before they reach your customers.

Get Accessibility Insights



For Web

Browser extension for Chrome and the new Microsoft Edge to test accessibility of webpages and web applications

[Learn about Accessibility Insights for Web](#)

For Windows

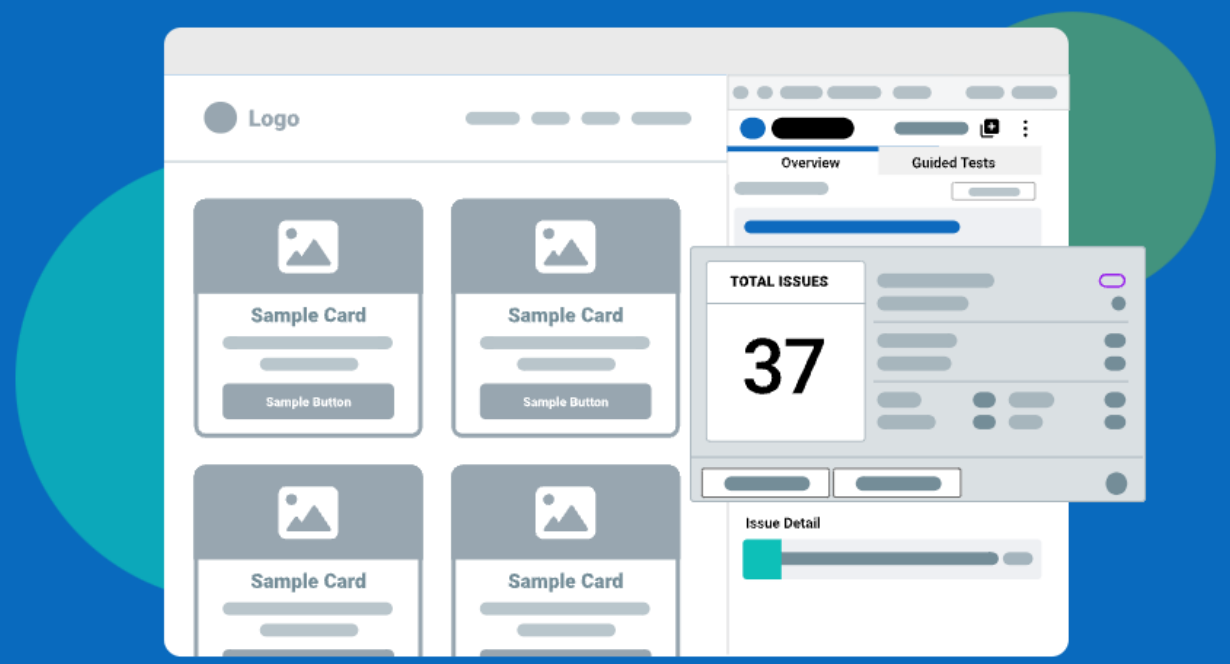
Windows desktop tool to test accessibility of Windows applications

[Learn about Accessibility Insights for Windows](#)

axe DevTools[®] Extension

Test your web app for accessibility

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Build your own

Publish extensions

accessibility

✕



62 Results

Showing: All categories ▾

Sort By: Relevance ▾

**axe Accessibility Linter**Deque Systems  432K

Accessibility linting for HTML, Angular, React, Markdown, Vue, and React Native



FREE

**Web Accessibility**Max van der Schee  50.9K

Audit Web Accessibility issues in Visual Studio Code



FREE

**accessibility-snippets**accessibility-snippe  5.7K

snippets to help create accessible code



FREE

**Accessibility Assistant**HCL Tech Ltd  282

Detect accessibility issues in web pages using OpenAI and provide suggestions for fixin...



FREE

**Accessibility linter**benny_gj  82

A tool for checking code quality in JS, React, and Node.js projects



FREE

**Tool to accessibility**ChandanSingh  40

A tool for checking code quality in JS, React, and Node.js projects



FREE

**Ally Accessibility Prog**Ally Accessibility Pr  123

Ally Accessibility Programmer Copilot is an AI-based coding assistant, which helps...



FREE

**AAC Web Accessibility**nbhatalin  1.1K

Audit Web Accessibility issues in Visual Studio Code



FREE

**Accessibility for NVDA**Tony Malykh  94

Provides enhanced accessibility support for NVDA IndentNav add-on. In...



FREE

**VS Code Speech**Microsoft  187Kmicrosoft.com 

A VS Code extension to bring speech-to-text and other voice capabilities to VS Code.



FREE

**webaccessibilitylinter**Ahmed-c1048866  13

web accessibility compliance checker



FREE

**Ludwig VS**Ludwig VS  65

WAI-ARIA Accessibility Linter



FREE



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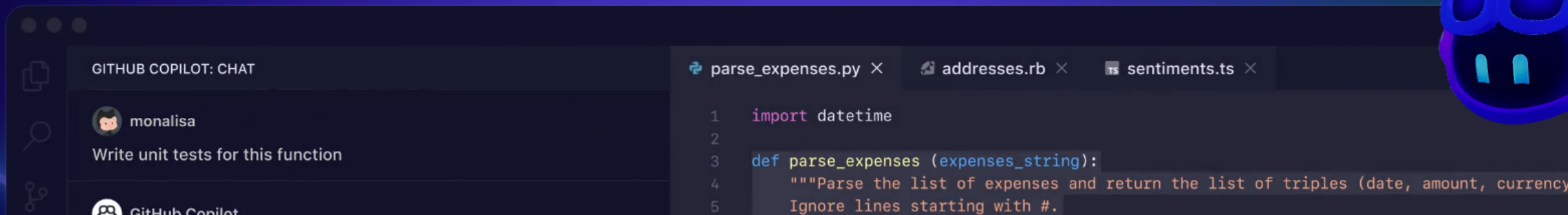
[Issues](#)

[Discussions](#)

 Copilot Enterprise now available

The world's most widely adopted AI developer tool.

Get started with Copilot >

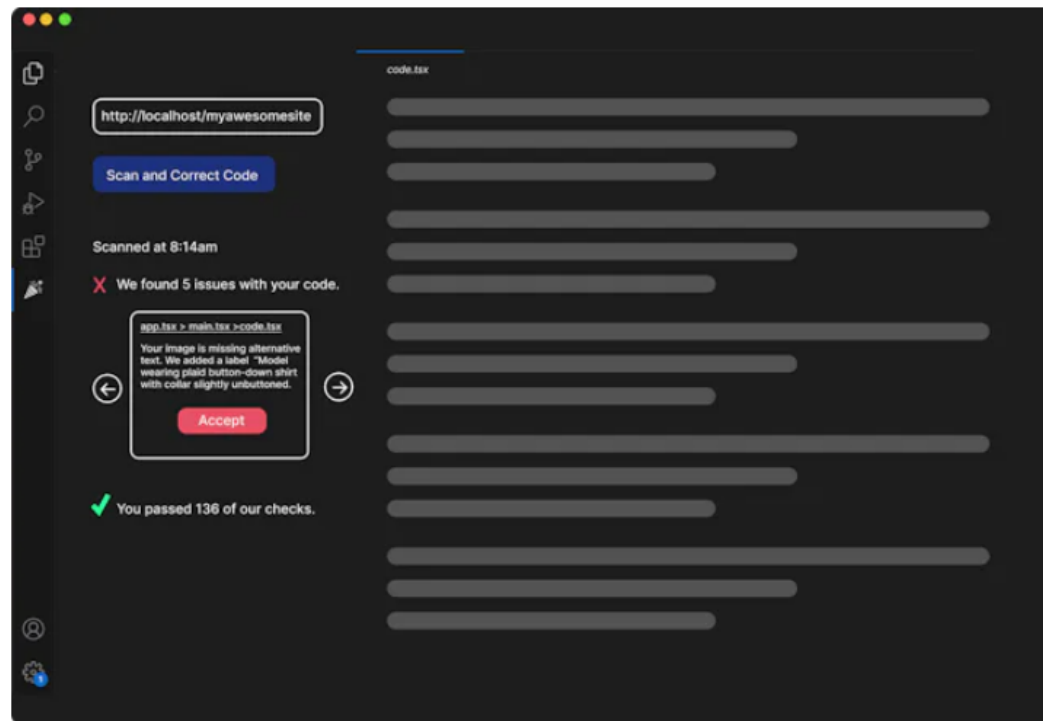


The screenshot shows the GitHub Copilot interface. On the left, a chat window titled "GITHUB COPILOT: CHAT" shows a conversation between a user named "monalisa" and the Copilot. The user asks, "Write unit tests for this function". The Copilot's response is partially visible. On the right, a code editor shows three open files: "parse_expenses.py", "addresses.rb", and "sentiments.ts". The "parse_expenses.py" file is active, displaying Python code for a function named "parse_expenses".

```
1 import datetime
2
3 def parse_expenses (expenses_string):
4     """Parse the list of expenses and return the list of triples (date, amount, currency
5     Ignore lines starting with #.
```

Digital Accessibility made simple

Automate code-level accessibility compliance for any web or mobile application effortlessly.

[Book a demo](#)

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Holistic accessibility approach



Pa11y

Here at Pa11y, we think making the web more accessible improves it for everyone. So we publish a range of free and open source tools to help designers and developers make their web pages more accessible:

- [Pa11y](#)

A command-line interface which loads web pages and highlights any accessibility issues it finds. Useful for when you want to run a one-off test against a web page.

- [Pa11y Dashboard](#)

A web dashboard which automatically tests web pages for accessibility issues daily. Graphs help you track improvements and regressions over time. Useful for non-developers to see how your sites perform.

- [Pa11y Webservice](#)


The JSON-based webservice that backs Pa11y Dashboard. Useful if you want to build your own dashboard-like front end, or repurpose the data.

- [Pa11y CI](#)


A command-line tool which iterates over a list of web pages and highlights accessibility issues. This is a CLI that's more geared towards use in CI.

Holistic accessibility approach





Accessibility is a
journey, not a
destination



Embedding
accessibility starts with
fostering a diverse &
inclusive culture



Thanks so much
for listening

To discuss...

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@Aaron@front-end.social

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