

Today's Agenda



Accessibility



Grids layout



Responsive design



Figma Activity



Q & A

Accessibility

(Design for Everyone)



What is Accessibility?

Accessibility is not only the right thing to do, but often also brings benefits to all users.

Types of Accessibility Issues:

- **Visual** (e.g., color blindness)
- **Motor/mobility** (e.g., wheelchair-user concerns)
- **Auditory** (hearing difficulties)
- **Seizures** (especially photosensitive epilepsy)
- **Learning/cognitive** (e.g., dyslexia)

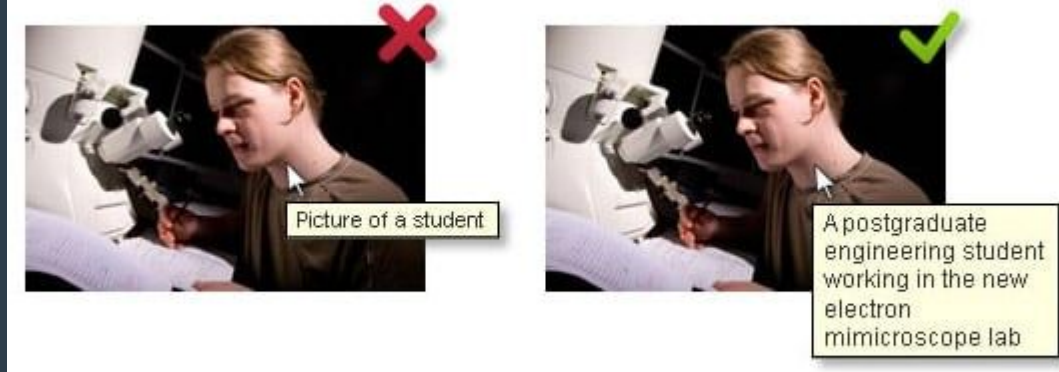
Tips for Accessible design

1- Provide Text Alternatives

Alternative text (alt text) is intended as an alternative for non-text content such as images

Affected audiences

- People who are blind
- People with certain cognitive disabilities
- People who rely on assistive technology for any reason not listed here
- People with slow internet connections or limited mobile data plans
- Search engines



Tips for Accessible design

2. Avoid Using Only Color to Convey Information

Color only is not the best way to convey information, as shown by the following example. Below, a red border is used to highlight form fields that have not been filled in correctly. Consequently, if a user is color blind, they won't be able to see this indication, so it becomes difficult to understand which fields have errors:

Input

Input with success

Success! You've done it.

Example help text that remains unchanged.

Input with warning

Shucks, check the formatting of that and try again.

Example help text that remains unchanged.

Input with danger

Sorry, that username's taken. Try another?

Example help text that remains unchanged.

Tips for Accessible design

3. Add Transcripts and captions

Provide text transcripts and captions whenever a sound appears (synchronized with video content, live captions, cues in addition to sound in apps).

Helps people with hearing difficulties



Tips for Accessible design

4. Ensure sufficient contrast between text and its background.

According to the WCAG, the contrast ratio between text and a text's background should be at least 4.5 to 1. If your font is at least 24 px or 19 px bold, the minimum drops to 3 to 1.

This helps users with low vision, color blindness, or worsening vision see and read the text on your screen.

Check Color Contrast tool

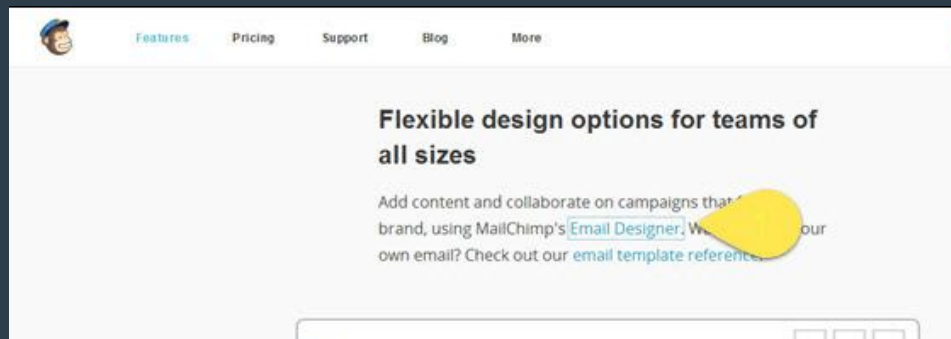


Tips for Accessible design

5. Anything that can be done with a mouse, should also work with a keyboard.

Certain users navigate the internet **using the keyboard rather than the mouse**. For example, people with a **motor impairment**

- Obvious Keyboard Focus
- All Interactive Elements Are Accessible
- Consider a Skip Navigation Link



Grid Layout

a grid is a structure comprising a series of lines (vertical or intersecting) that divide a page into columns or modules. This structure helps designers to arrange content on the page.

grids improve page readability and scannability and allow people to quickly get where they need to go.

[Learn more about Grids](#)

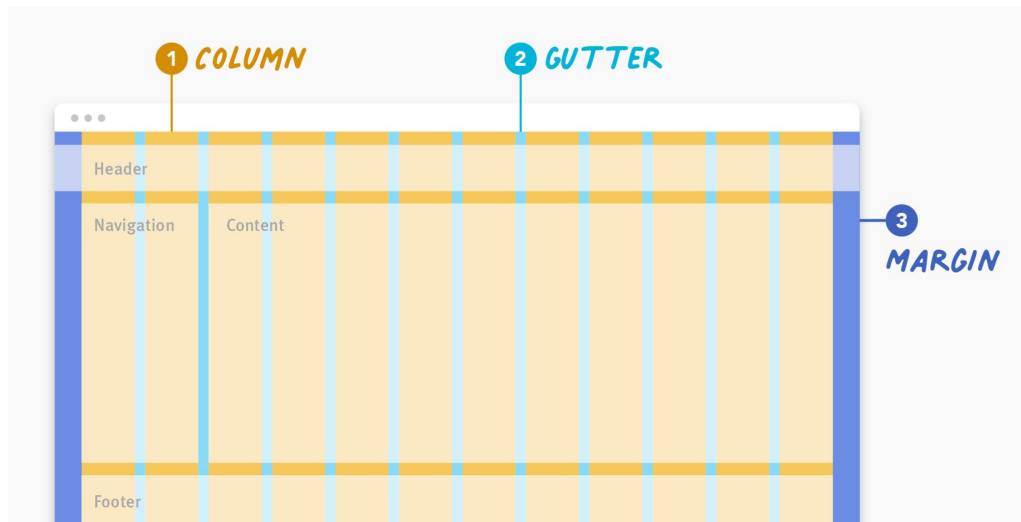


Main Elements of Grid

1. Columns: Columns take up most of the real estate in a grid. Elements and content are placed in columns.

2. Gutters: The gutter is the space between columns that separates elements and content from different columns.

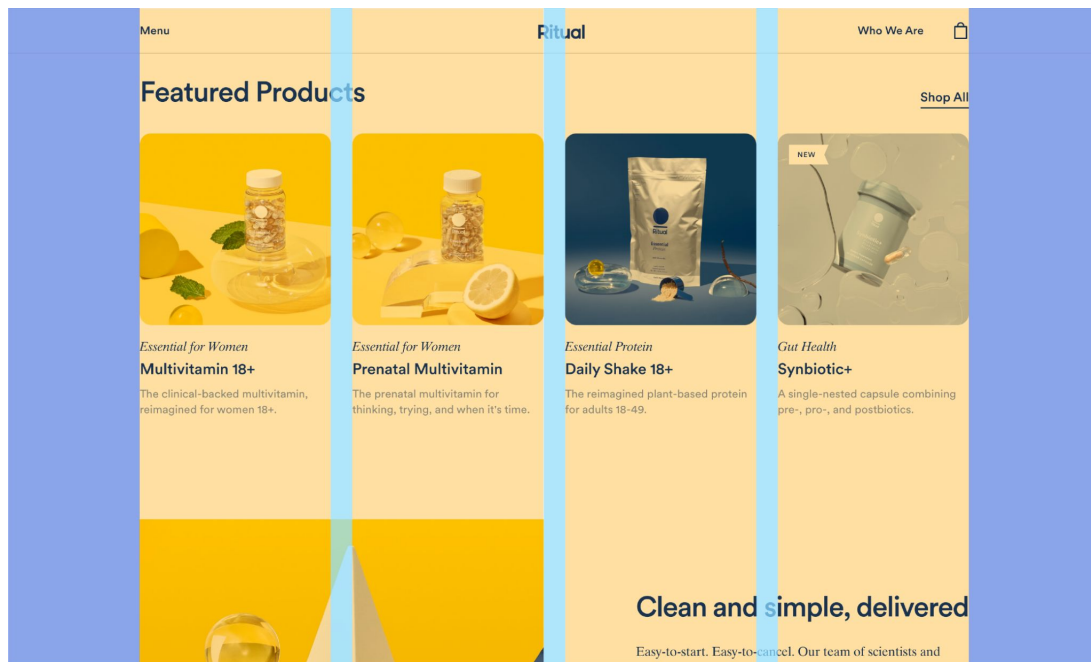
3. Margins: this refers to the left and right outermost areas on the screen. Content does not live in the margins of a grid.



Modules are the building blocks of any grid. They are the spaces created between the horizontal lines and vertical lines.

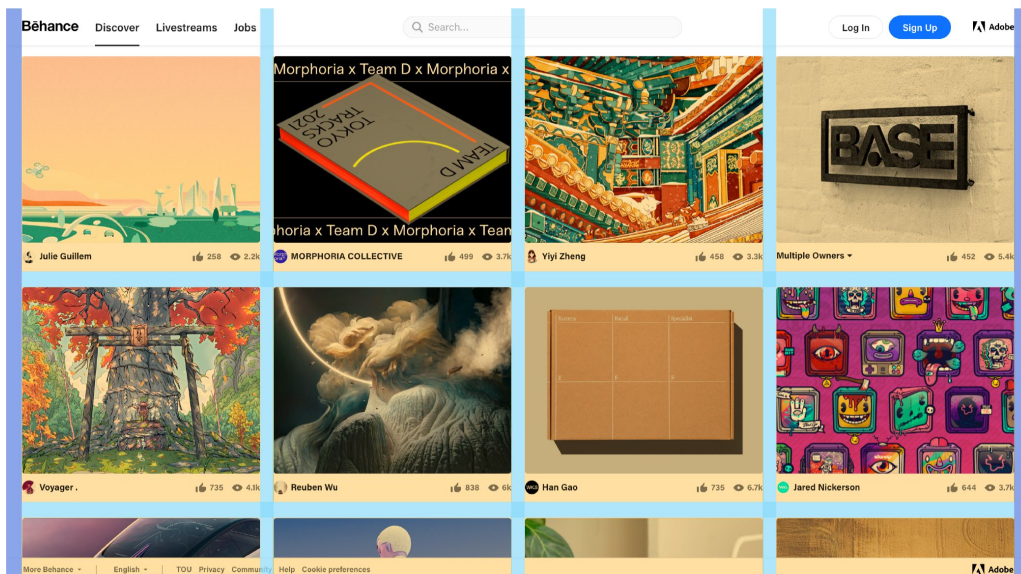
1. Column Grid

involves dividing a page into vertical columns. UI elements and content are then aligned to these columns.



2. Modular Grid

extends the column grid further by adding rows to it. This intersection of columns and rows make up modules to which elements and content are aligned. Modular grids are great for ecommerce and listing pages, as rows are repeatable to accommodate browsing.



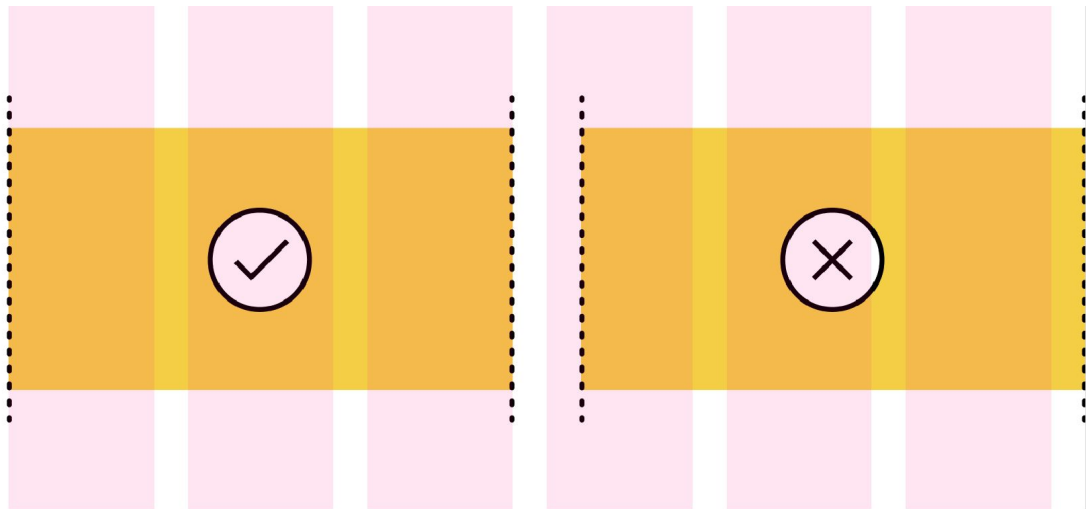
3. Hierarchical Grid

Content is organized by importance using columns, rows, and modules. The most important elements and pieces of content take up the biggest pieces of the grid.



Tips

- **Always place content within columns, not gutters.**
- **Consider using an 8px grid system.** For most common devices, the screen size in pixels is a multiple of 8. Keeping grid-component values at a multiple of 8 will generally make it easier to scale and implement a grid.
- **Tip: Not every element in the component has to align with the vertical column. Align the bounds of the components with the columns.**



BY BETHY SQUIRES

What type is this?

Printed by Name
Product: Daily

Time: 06:45 PM 03-03-08
Section: A Section
Page: A2

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The Washington Post

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McCabe's handling of probe examined

It's looking at whether FBI delayed action on Clinton results in Oct. 30

BY BRIAN RANNEY
AND KAREN DEWEES

The Justice Department's top inspector general has been accused for months of not disclosing that he had approved a review of the FBI's response to the Clinton probe. The review, which was not disclosed until after the probe was over, was seen as a way to protect the FBI's reputation. The review, which was not disclosed until after the probe was over, was seen as a way to protect the FBI's reputation.

A call for bipartisanship

STATE OF THE UNION

President George W. Bush delivered his 4th State of the Union address to Congress Tuesday night. He called for bipartisanship and urged Congress to pass a stimulus package to help the economy.

TRUMP DELIVERS MESSAGE OF UNITY

President highlights military, economy

BY BRIAN A. FARMER

President Donald Trump delivered his first State of the Union address Tuesday night, emphasizing unity and the need for bipartisanship. He highlighted the military and the economy as key areas of focus.

A chance to act presidential, at least for a night

THE MESSAGE

President Trump delivered his 4th State of the Union address to Congress Tuesday night. He called for bipartisanship and urged Congress to pass a stimulus package to help the economy.

On the border of hope and despair

In Texas's neglected children, Americans are tired of feeling like they live in a 'Third World country'

BY MARIA SACCOMINI
AND FRANK VITALE

A report from the Texas Children's Hospital Foundation says that the state's children are in a state of hope and despair. The report highlights the need for more resources and support for children in Texas.

Hawaii worker thought an attack was imminent

Police say he was mistaken

BY MARIA SACCOMINI
AND FRANK VITALE

A Hawaii worker thought an attack was imminent, but police say he was mistaken. The worker, who was a security guard, reported seeing a suspicious figure in a dark area.



President George W. Bush and Vice President Dick Cheney at the State of the Union address. (AP Photo/Phil S. Brown)

President George W. Bush delivered his 4th State of the Union address to Congress Tuesday night. He called for bipartisanship and urged Congress to pass a stimulus package to help the economy.



President Donald Trump and Vice President Mike Pence at the State of the Union address. (AP Photo/Phil S. Brown)

President Donald Trump delivered his first State of the Union address Tuesday night, emphasizing unity and the need for bipartisanship. He highlighted the military and the economy as key areas of focus.



A child in a hospital bed, looking up. (AP Photo/Phil S. Brown)



A worker in a dark area, possibly a security guard. (AP Photo/Phil S. Brown)

What type is this?

OPTIMO
CHICAGO

HATS HATMAKING SHOP

COLLECTION

BROWSE OUR POPULAR STYLES. AVAILABLE IN MOST COLORS AND FINISHES. DON'T SEE THE STYLE YOU ARE LOOKING FOR? [OPTIMO CUSTOM](#)

