





ACSS 101\_14 - Auto Grid Layouts.webm

acss-101.sandbox.automaticcss.com

automaticcss

Find a setting...

Layout

Color Palette

Typography

Spacing

Buttons & Links

Backgrounds & Text

Borders & Dividers

Additional Styling

Frames

Form

Global SCSS

Options

Cheatsheet

Deprecated

Search elements ...

PINNED ELEMENTS

- Basic Text
- Image

LAYOUT

- Section
- Container
- Block
- Div

BASIC

- Heading
- Rich Text
- Text link
- Button
- Icon
- Video

GENERAL

- Nav (Nestable)
- Dropdown
- Offcanvas
- Map

## What is Auto Grid?

How do you turn it on and how is it different from traditional grids?

## Auto Grid "Aggressiveness"

How can we control when items decide to stack?

## Pixel Perfect Auto Grid

But, what if we want perfect control?

## Mind The Gap!

Auto Grid math depends on a known gap value via `var(--grid-gap)`. How you change the gap matters!

Structure

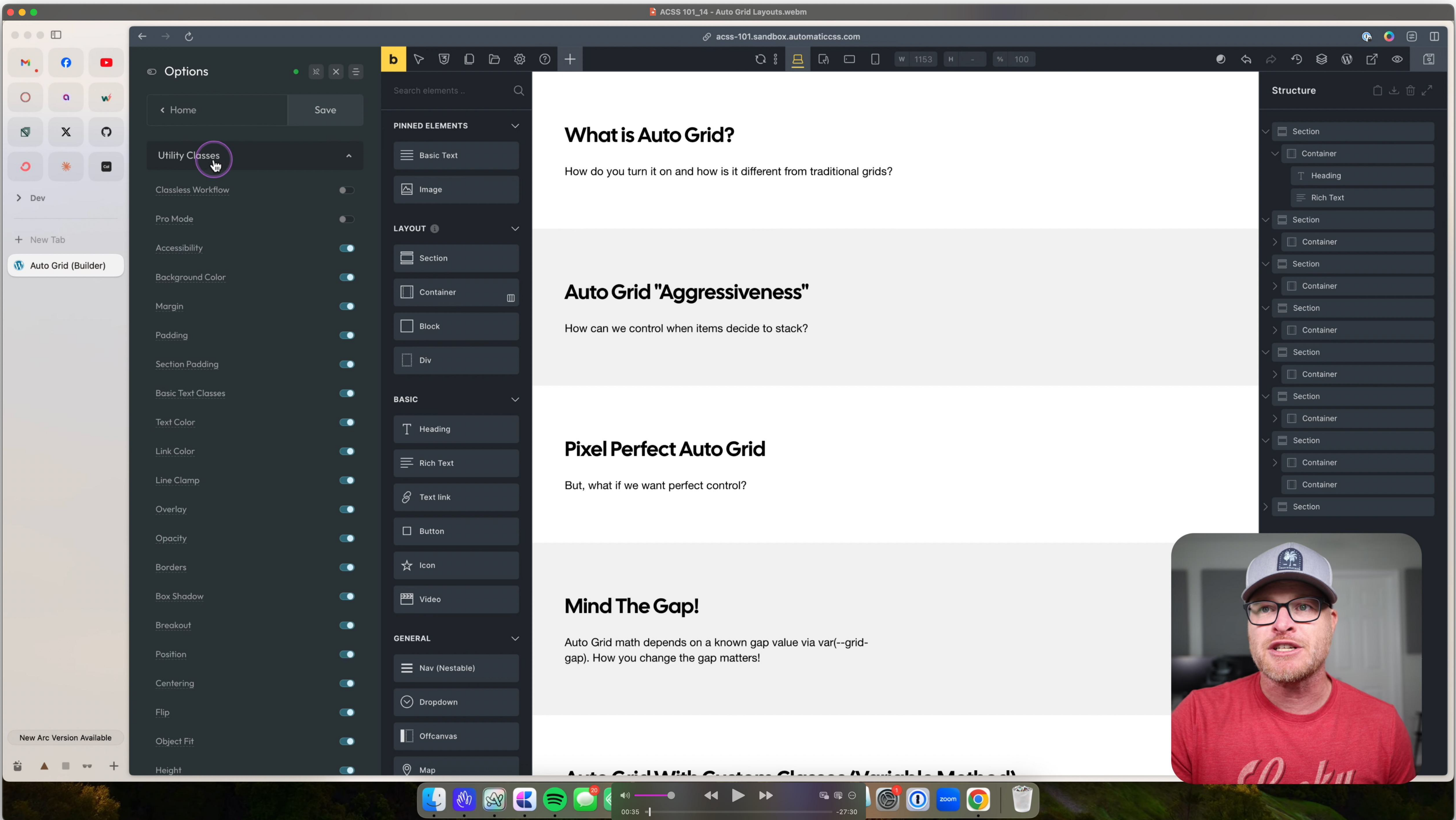
- Section
  - Container
    - Heading
    - Rich Text
- Section
  - Container
- Section
  - Container
- Section
  - Container
- Section
  - Container
- Section
  - Container
- Section
  - Container
- Section
  - Container
- Section
  - Container
- Section
  - Container

New Arc Version Available

v. 3.0.7-rc

00:34 / -27:31





# What is Auto Grid?

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The screenshot displays a video player interface with a presentation about Auto Grid. The video content is viewed through a web browser window titled "acss-101.sandbox.automaticcss.com".

**Left Sidebar (Design Tool Settings):**

- Line Clamp
- Overlay
- Opacity
- Borders
- Box Shadow
- Breakout
- Position
- Centering
- Flip
- Object Fit
- Height
- Grid
- Auto Grid** (highlighted)
- Variable Grid
- Flex Grid
- Gap
- Flexbox
- Width
- Radius
- Aspect Ratio
- Z-Index
- Columns & Masonry
- Marker
- Display

**Right Sidebar (Structure Panel):**

- Section
  - Container
    - Heading
    - Rich Text
- Section
  - Container
- Section
  - Container
- Section
  - Container
- Section
  - Container
- Section
  - Container
- Section
  - Container
- Section
  - Container
- Section
  - Container
- Section
  - Container

**Video Content:**

- What is Auto Grid?**  
How do you turn it on and how is it different from traditional grids?
- Auto Grid "Aggressiveness"**  
How can we control when items decide to stack?
- Pixel Perfect Auto Grid**  
But, what if we want perfect control?
- Mind The Gap!**  
Auto Grid math depends on a known gap value via `var(--grid-gap)`. How you change the gap matters!

The video player interface at the bottom shows a progress bar at 00:37 and a list of application icons in the dock.



automaticcss

Find a setting...

Layout

Color Palette

Typography

Spacing

Buttons & Links

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Borders & Dividers

Additional Styling

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Global SCSS

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Cheatsheet

Deprecated

Search elements ..

PINNED ELEMENTS

Basic Text

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Section

Container

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Heading

Rich Text

Text link

Button

Icon

Video

GENERAL

Nav (Nestable)

Dropdown

Offcanvas

Map

acss-101.sandbox.automaticcss.com

W 1153 H - % 100

What is Auto Grid?

How do you turn it on and how is it different from traditional grids?

Auto Grid "Aggressiveness"

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Pixel Perfect Auto Grid

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Mind The Gap!

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Structure

Section

Container

Heading

Rich Text

Section

Container

Section

Container

Section

Container

Section

Container

Section

Container

Section

Container

Section

Container

Section

Container





Layout

Home

Save

Website Dimensions

Breakpoints

Header

Content Grid

Auto Grid

Aggressiveness

Ratio Breakpoint

Boxed Layout

Search elements ..

PINNED ELEMENTS

Basic Text

Image

LAYOUT

Section

Container

Block

Div

BASIC

Heading

Rich Text

Text link

Button

Icon

Video

GENERAL

Nav (Nestable)

Dropdown

Offcanvas

Map

acss-101.14 - Auto Grid Layouts.webm

acss-101.sandbox.automaticcss.com

W 1153 H - % 100

Structure

Section

Container

Heading

Rich Text

Section

Container

Section

Container

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Container

Section

Container

Section

Container

Section

Container

Section

Container

What is Auto Grid?

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Mind The Gap!

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Auto Grid With Custom Classes / Which Method

00:48

-27:18

New Arc Version Available

v. 3.0.7-rc

Zoom

Chrome

























2

## Auto Grid "Aggressiveness"

## How can we control when items decide to stack?



1

## Pixel Perfect Auto Grid

But, what if we want perfect control?

## Mind The Gap!

Auto Grid math depends on a known gap value via `var(--grid-gap)`. How you change the gap matters!





The image is a composite of several elements. At the top, there's a browser window showing a website with a grid layout. Below that, a video player interface is visible, displaying a presentation slide titled "Auto Grid 'Aggressiveness'". The slide content includes the text "How can we control when items decide to stack?" and a sequence of four images showing a Nike swoosh logo on a building facade, illustrating different grid behaviors. A yellow callout box on the slide states: "Mistake was 'grid--4'. Needs to be 'grid--auto-4'". In the bottom right corner of the video player, there is a small inset video of a man with a beard, wearing a red t-shirt and a grey baseball cap, speaking. The overall background of the video player is a dark, stylized image of a building with a large orange Nike swoosh logo. The video player's interface includes standard controls like play, pause, and volume, as well as a progress bar at the bottom.



































ACSS 101\_14 - Auto Grid Layouts.webm

acss-101.sandbox.automaticcss.comCustomize0NewEdit PageEdit with BricksRender with BricksAutomatic.cssHowdy, luxivihju4240

sandbox.automaticcss.com

Layout

< HomeSave

Website Dimensions

Breakpoints

Header

Content Grid

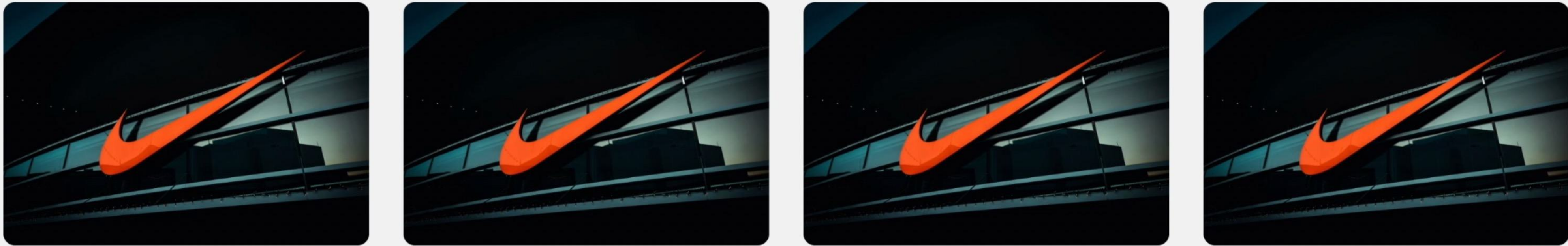
Auto Grid

Aggressiveness.4

Ratio BreakpointL

Boxed Layout

How can we control when items decide to stack?



## Pixel Perfect Auto Grid

But, what if we want perfect control?

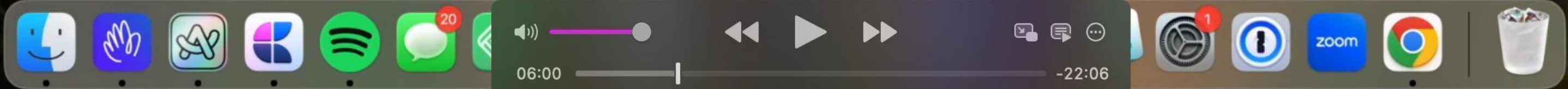
## Mind The Gap!

Auto Grid math depends on a known gap value via `var(--grid-gap)`. How you change the gap matters!

## Auto Grid With Custom Classes (Variable Method)

Can I use Auto Grid with custom classes?



































The image is a composite of three main visual elements. On the left is a code editor window titled 'sandbox.automaticcss.com'. It features a sidebar with various icons and a main panel with tabs for 'CONTENT', 'STYLE', 'LAYOUT', 'TYPOGRAPHY', 'BACKGROUND', 'BORDER / BOX SHADOW', 'GRADIENT / OVERLAY', 'SHAPE DIVIDERS', 'TRANSFORM', and 'CSS'. The 'CSS' tab is active, showing a code editor with the following CSS: 

```
1 %root% {  
2   --min: 240px;|  
3 }
```

 A yellow callout box points to the '2' line of the CSS, containing the text: 'We declare this on the ID level because it's not needed elsewhere'. Below the code editor, there is a note: 'Use "%root%" to target the element wrapper. Add "%root%" via keyboard shortcut "r + TAB".' At the bottom of the code editor, it says 'CSS classes' and 'Search settings ...'. In the center is a video player showing a presentation titled 'ACSS 101\_14 - Auto Grid Layouts.webm'. The presentation has a dark theme and includes the following text: 'Pixel Perfect Auto Grid', 'But, what if we want perfect control?', four images of a Nike swoosh logo, 'Mind The Gap!', 'Auto Grid math depends on a known gap value via var(--grid-gap). How you change the gap matters!', 'Auto Grid With Custom Classes (Variable Method)', 'Can I use Auto Grid with custom classes?', and 'Auto Grid With Custom Classes (Recipe Method)'. On the right is a video call inset showing a man with a beard, glasses, and a grey baseball cap, wearing a red t-shirt. The video player has a standard macOS-style control bar at the bottom with play, pause, and volume buttons, and a timeline showing 09:56 and -18:09.



























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ACSS 101\_14 - Auto Grid Layouts.webm

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sandbox.automaticcss.com

Dev

New Tab

Auto Grid (Builder)

Auto Grid - acss-10...

#brxe-haqqkz 1

.grid--auto-4

CONTENT STYLE

Display grid

Gap 100px

Grid template columns

Grid template rows

Grid auto columns auto

Grid auto rows auto

Grid auto flow row

Justify items

Align items

Justify content

Align content

Align self

Flex grow 0

Flex shrink 1

Flex basis auto

Order 0

Search settings ...

# Mind The Gap!

Auto Grid math depends on a known gap value via `var(--grid-gap)`. How you change the gap matters!

Structure

Section

Section

Section

Section

Container

Heading

Rich Text

Container

Section

Section

Section

Section

Don't do this!

New Arc Version Available

15:25 -12:40



































The image is a composite of a video player, a browser interface, and a desktop taskbar. The video player, titled 'ACSS 101\_14 - Auto Grid Layouts.webm', shows a tutorial on 'Auto Grid With Custom Classes (Recipe Method)'. The video content features a large orange Nike swoosh on a modern building facade. A yellow arrow points from the video to the browser's developer tools, specifically to the semicolon in the '@media grid' rule. The browser's sidebar shows the 'Auto Grid (Builder)' tab. The video player has a red 'Like' button and a 'Share' button. The video title is 'Auto Grid With Custom Classes (Recipe Method)'. The video description says 'What if I want to use Auto Grid with custom classes, but I don't want to lose any control?!?'. The desktop taskbar at the bottom shows various application icons including Arc, Spotify, Zoom, and Chrome.



The image is a composite of three main visual elements. On the left, a browser window displays the 'Auto Grid (Builder)' tool. The 'STYLE' tab is active, showing a 'Custom CSS' section with a yellow highlight around the following code: 

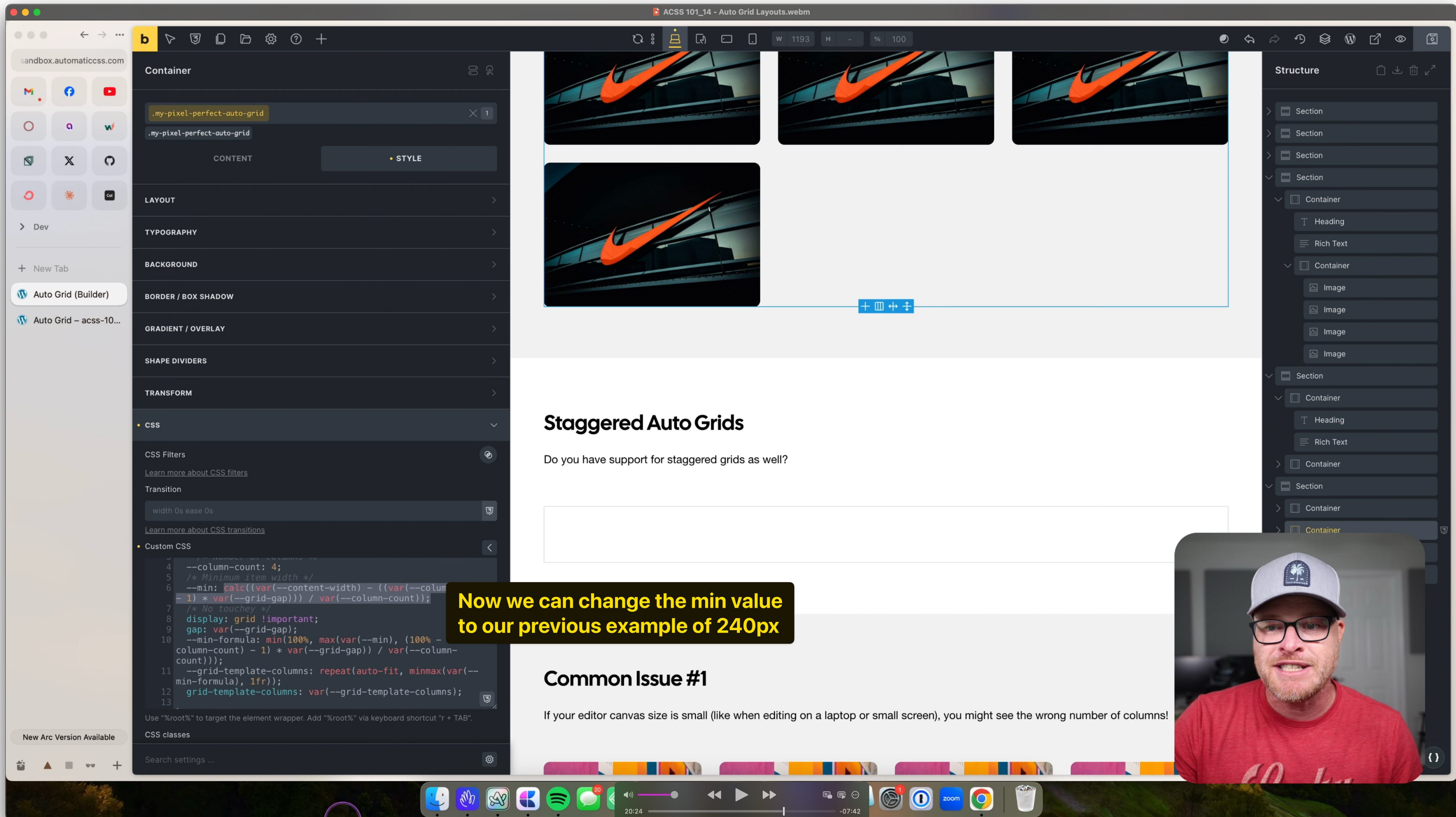
```
1 /* START AUTO GRID */
2 %root% {
3   /* Number of columns */
4   --column-count: 3;
5   /* Minimum item width */
6   --min: calc((var(--content-width) - ((var(--column-count)
7     - 1) * var(--grid-gap))) / var(--column-count));
8   /* No touchy */
9   display: grid !important;
10  gap: var(--grid-gap);
11  --min-formula: min(100%, max(var(--min), (100% - (var(--
12    column-count) - 1) * var(--grid-gap)) / var(--column-
13    count)));
14  --grid-template-columns: repeat(auto-fit, minmax(var(--
```

 Below the code, there are fields for 'CSS ID' and 'ATTRIBUTES'. On the right, a video player shows a presentation slide titled 'Auto Grid With Custom Classes (Recipe Method)'. The slide text asks, 'What if I want to use Auto Grid with custom classes, but I don't want to lose any control?!?'. It features four images of a Nike swoosh logo on a building facade, arranged in a 2x2 grid. A small inset video of a man in a red shirt and grey cap is visible in the bottom right corner of the video player. At the bottom of the image, a macOS dock is visible with various application icons including Arc, Spotify, and Zoom.



























ACSS 101\_14 - Auto Grid Layouts.webm

acss-101.sandbox.automaticcss.com

Customize

0

New

Edit Page

Edit with Bricks

Render with Bricks

Automatic.css

Howdy, luxivihiju4240

sandbox.automaticcss.com

Layout

< Home

Save

Website Dimensions

Breakpoints

Header

Content Grid

Auto Grid

Aggressiveness

Ratio Breakpoint

Boxed Layout

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XXL

XL

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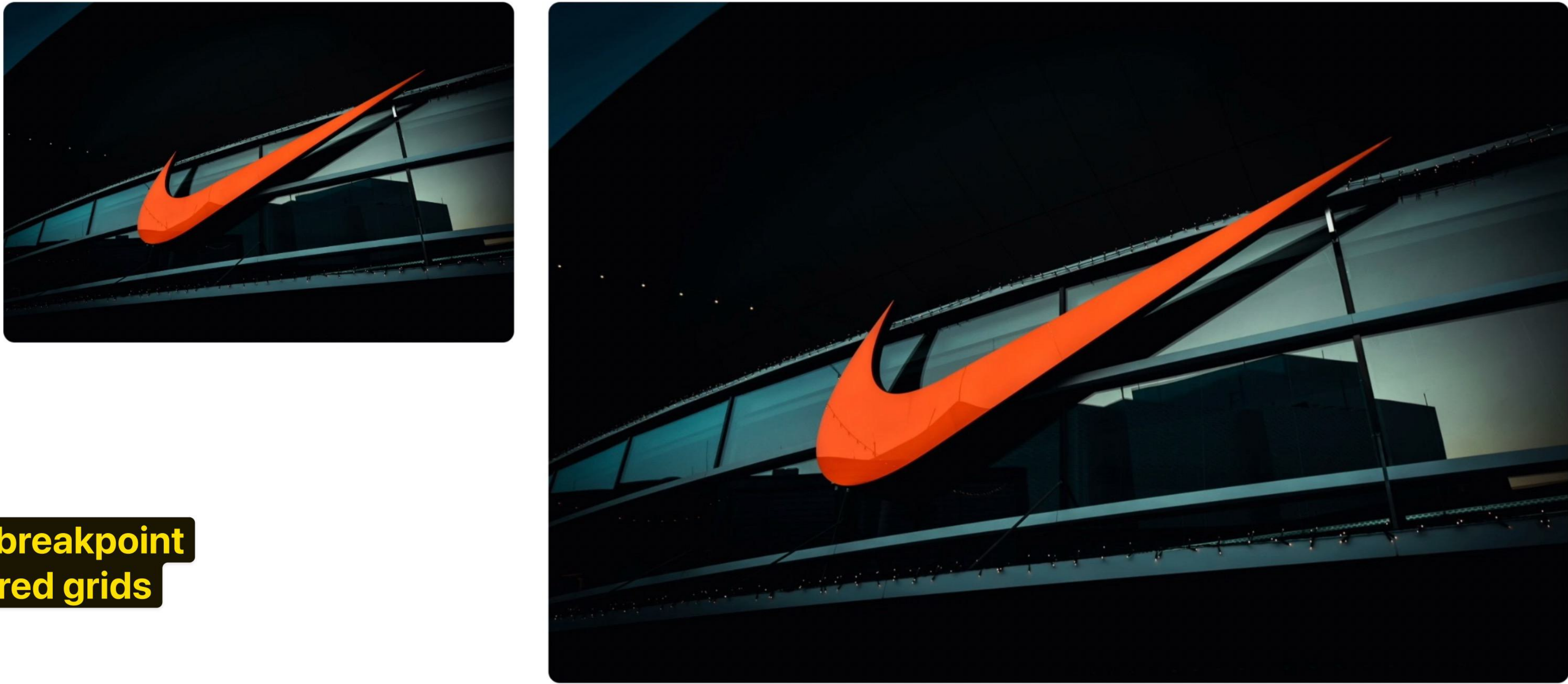
M

S

XS

Staggered Auto Grids

Do you have support for staggered grids as well?



Choose the breakpoint for staggered grids

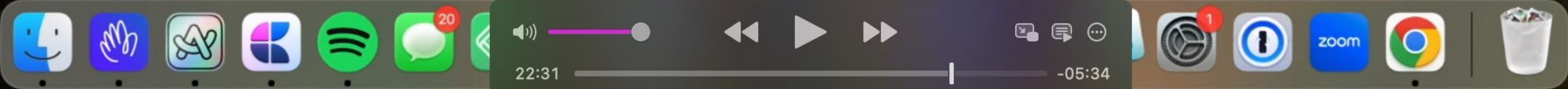
Common Issue #1

If your editor canvas size is small (like when editing on a laptop or small screen), you might see the wrong number of columns!



New Arc Version Available

v. 3.0.7-rc





[illegible]



The video is a tutorial for the 'Auto Grid (Builder)' browser extension. It is displayed within a video player interface that includes a top navigation bar with icons for various functions and a bottom dock with application icons. The video content is as follows:

- Common Issue #1:** A section titled 'Common Issue #1' with the text 'If your editor canvas size of columns!' and a yellow callout box stating 'If the monitor is small there's simply not enough space to show the 4 cols'. A yellow arrow points to the 'W 992' value in the browser's developer tools, indicating that a smaller width would result in fewer columns being visible.
- Common Issue #2:** A section titled 'Common Issue #2' with the text 'If you change the width of the container, it can fit fewer items! You may need to set a custom --min to allow it to support more items in a row.' This section shows a grid of images that changes as the container width is adjusted.

The video player interface includes a top navigation bar with icons for various functions (e.g., back, forward, search, settings) and a bottom dock with application icons (e.g., Finder, Safari, Chrome, Zoom). A man in a red shirt and cap is visible in the bottom right corner of the video frame.



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ACSS 101\_14 - Auto Grid Layouts.webm

← → ...

b

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sandbox.automaticcss.com

Dev

New Tab

Auto Grid (Builder)

Auto Grid - acss-10...

Container

#brxe-ckiorr2

.grid--auto-6 .width--1

CONTENTSTYLE

Query loop

HTML tagdiv

Displaygrid

Gap

Grid template columns

Grid template rows

Grid auto columns

Grid auto rows

Grid auto flow

Justify items

Align items

Justify content

Align content

Align self

Flex grow0

Search settings ...

If your editor canvas size is small (like when editing on a laptop or small screen), you might see the wrong number of columns!

Common Issue #2

If you change the width of the container, it can fit fewer items! You may need to set a custom --min to allow it to support more items in a row.

Common Issue #3

If you go rogue with your gap value, you'll break it!

Structure

Section

Container

Heading

Rich Text

Container

Image

Image

Image

Image

Section

Container

Heading

Rich Text

Container

Section

Container

Image

Image

Image

Image

New Arc Version Available

24:51

-03:15



