



/ BLOG



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What You Need to Know about Modern CSS (2025 Edition)

 **CHRIS COYIER** ON SEPTEMBER 19, 2025

We published an edition of [What You Need To Know about Modern CSS last year \(2024\)](#), and for a while I really wasn't sure if only a year later we'd have enough stuff to warrant a new yearly version. But time, and CSS, have rolled forward, and guess what? There is

more this year than there was last. At least in this somewhat arbitrary list of “things Chris thinks are valuable to know that are either pretty fresh or have enjoyed a boost in browser support.”

ANIMATE TO AUTO

What is this?

We don't often set the height of elements that contain arbitrary content. We usually let elements like that be as tall as they need to be for the content. The trouble with that is we haven't been able to animate from a fixed number (like zero) to whatever that intrinsic height is (or vice versa). In other words, animate to auto (or other sizing keywords like min-content and the like).

Now, we can opt-in to being able to animate to these keywords, like:

CSS

```
html {  
  interpolate-size: allow-keywords;  
  /* Now if we transition  
   "height: 0;" to "height: auto;"  
   anywhere, it will work */  
}
```

If we don't want to use an opt-in like that, alternatively, we can use the calc-size() function to make the transition work without needing interpolate-size.

CSS

```
.content {  
  height: 3lh;  
  overflow: hidden;  
  transition: height 0.2s;
```

```
&.expanded {  
    height: calc-size(auto, size);  
}  
}
```

Why should I care?

This is the first time we've ever been able to do this in CSS. It's a relatively common need and it's wonderful to be able to do it so naturally, without breaking behavior.

And it's not just height (it could be any property that takes a size) and it's not just auto (it could be any sizing keyword).

Support

Browser Support

Just Chrome.

Progressive Enhancement

Yes! Typically, this kind of animation isn't a hard requirement, just a nice-to-have.

Polyfill

Not really. The old fallbacks including things like animating max-height to a beyond-what-is-needed value, or using JavaScript to attempt to measure the size off-screen and then doing the real animation to that number. Both suck.

Usage Example



style.css

Preview

EDIT ON
CODEPEN

```

1  .content {
2    padding: 1rem;
3    height: 3lh;
4    overflow: hidden;
5    transition: height 0.2s;
6  }
7
8  .demo-1 {
9    interpolate-size: allow-
keywords;
10
11 .content {
12   &.expanded {
13     height: auto;
14   }
15
16   /* just for looks */
17   & {
18     position: relative;
19   &::after {
20     content: "";
21     position: absolute;
22     inset: 0;
23     background-image: linear-
gradient(to top, #03a9f4,
transparent 100px);
24   }
25   &.expanded::after {
26     display: none;
27   }
28 }
29 }
30 }
31
32 .demo-2 {
33 .content {
34   &.expanded {
35     height: auto; /* gotta
have fallback */
36     height: calc-size(auto,
size);
37   }
38
39   /* just for looks */
40   & {
41     position: relative;
42   &::after {
43     content: "";
44     position: absolute;
45     inset: 0;
46     background-image: linear-

```

Animating to Sizing Keywords

Animate height to auto

interpolate-size: allow-keywords;

Toggle

Animate height to auto

calc-size(auto, size)

Toggle

Animate inline-size to min-content



Animate ::details-content

```
gradient(to top, #66bb6a,  
transparent 100px);  
47      }  
48  &.expanded::after {  
49    display: none;  
50  }  
51  }  
52  }  
53 }  
54  
55 .demo-3 {  
56   interpolate-size: allow-  
   keywords;  
57  
58 button {  
59   padding: 0.25rem;  
60   margin-block-end: 0.25rem;  
61   border-radius: 1000px;
```

► Open Me

POPOVERS & INVOKERS

These are separate and independently useful things, and really rather HTML-focused, but it's nice to show them off together as they complement each other nicely.

What is this?

A popover is an attribute you can put on any HTML element that essentially gives it open/close functionality. It will then have JavaScript APIs for opening and closing it. It's [similar-but-different to modals](#). Think of them more in the tooltip category, or something that you might want more than one of open sometimes.

Invokes are also HTML attributes that give us access to those JavaScript APIs in a declarative markup way.

Why should I care?

Implementing functionality at the HTML level is very powerful. It will work without JavaScript, be done in an accessible way, and likely get important UX features right that you might miss when implementing yourself.

Support

Browser Support

Popovers are everywhere, but invokers are Chrome only at time of publication.

There are sub-features here though, like `popover="hint"` which has [slightly less support](#) so far.

Progressive Enhancement

Not so much. These type of functions typically need to *work*, so ensuring they do with a polyfill instead of handling multiple behaviors is best.

Polyfill

[Popovers Polyfill](#)
[Invokers Polyfill](#)

Usage Example

Remember there are JavaScript APIs for popovers also, like `myPopover.showPopover()` and `secondPopover.hidePopover()` but what I'm showing off here is specifically the HTML invoker controls for them. There are *also* some alternative HTML controls (e.g. `popovertarget="mypopover"` `popovertargetaction="show"`) which I suppose are fine to use as well? But something feels better to me about the more generic command invokers approach.

The screenshot shows a CodePen editor interface. On the left, there's a file icon and the filename "index.pen.html". In the center, the HTML code is displayed:

```
1 <button commandfor="popover-1" command="toggle-popover">
2   Toggle Popover
3 </button>
4
5 <button commandfor="popover-2" command="toggle-popover">
6   Toggle 2nd ("manual") Popover
7 </button>
8
9 <aside popover id="popover-1">
10  Content of popover. <a href="https://en.wikipedia.org/wiki/Lizard">Lizards (focusable element)</a>. <button commandfor="popover-1" command="hide-popover">Close</button></button>
11 </aside>
12
13 <div id="popover-2" popover="manual">
```

On the right, there's a "Preview" section showing two buttons. The top button is labeled "Toggle Popover" and the bottom button is labeled "Toggle 2nd ("manual") Popover". At the top right, there's a "EDIT ON CODEPEN" button.

Also — remember popovers pair particularly well with anchor positioning which is another CSS modern miracle.

@FUNCTION

What is this?

CSS has lots of functions already. Think of `calc()`, `attr()`, `clamp()`, [`perhaps`](#) [`hundreds`](#) more. They are actually technically called CSS *value* functions as they always return a single value.

The magic with with `@function` is that now *you can write your own*.

CSS

```
@function --titleBuilder(--name) {  
  result: var(--name) " is cool.";  
}
```



Why should I care?

Abstracting logic into functions is a computer programming concept as old as computers itself. It can just *feel right*, not to mention be DRY, to put code and logic into a single shared place rather than repeat yourself or complicate the more declarative areas of your CSS with complex statements.

Support

Browser Support

Chrome only

It depends on what you're trying to use the value for. If it's reasonable, it may be as simple as:

```
property: fallback;  
property: --function();
```

Progressive Enhancement

Not really. Sass has functions but are not based on the same spec and will not work the same.

Polyfill

Usage Example



index.html

Preview

EDIT ON
CODEPEN

Using @function in CSS

Title of Card

Lorem ipsum dolor, sit amet consectetur adipisicing elit. Iste vero autem ratione, tempore aut corrupti, dolorum quidem, sapiente voluptate animi reprehenderit corporis? Eum saepe ad ducimus maxime

Title of Card

Lorem ipsum dolor, sit amet consectetur adipisicing elit. Iste vero autem ratione, tempore aut corrupti, dolorum quidem, sapiente voluptate animi reprehenderit corporis? Eum saepe ad ducimus maxime

Title of Card

Lorem ipsum dolor, sit amet consectetur adipisicing elit. Iste vero autem ratione, tempore aut corrupti, dolorum quidem, sapiente voluptate animi reprehenderit corporis? Eum saepe ad ducimus maxime

Other Resources

- Una Kravets: [5 Useful CSS functions using the new @function rule](#)
- Bramus Van Damme: [CSS @function + CSS if\(\) = 🎊](#)
- Juan Diego Rodríguez: [Functions in CSS?!](#)
- Draft: [CSS Functions and Mixins Module](#)

IF()

What is this?

Conceptually, CSS is already full of conditional logic. Selectors themselves will match and apply styles *if* they match an HTML element. Or media queries will apply *if* their conditions are met.

But [the if\(\) function](#), surprisingly, is the first specific logical construct that exists solely for the function of applying logical branches.

Why should I care?

Like all functions, including custom @functions like above, if() returns a single value. It just has a syntax that might help make for more readable code and potentially prevent certain types of code repetition.

Support

Browser Support

Chrome only

It depends on the property/value you are using it with. If you're OK with a fallback value, it might be fine to use.

Progressive Enhancement

```
property: fallback;  
property: if(  
style(--x: true): value;  
else: fallback;  
);
```

Not really. CSS processes tend to have logical constructs like this, but they will not re-evaluate based on dynamic values and DOM placement and such.

Polyfill

Usage Example

Baking logic into a single value like this is pretty neat!

CSS

```
.grid {  
  display: grid;  
  grid-template-columns:  
    if(  
      media(width > 900px): repeat(auto-fit, minmax(200px, 1fr));  
      media(width > 600px): repeat(3, 1fr);  
      media(width > 300px): repeat(2, 1fr);  
    else: 1fr;  
  );  
}
```

The syntax is a lot like a switch statement with as many conditions as you need. The first match wins.

CSS

```
if(  
  condition: value;  
  condition: value;  
  else: value;  
)
```

Conditions can be:

- `media()`
- `supports()`
- `style()`

FIELD-SIZING

What is this?

The new `field-sizing` property in CSS is for creating form fields (or any editable element) that automatically grows to the size of their contents.

Why should I care?

This is a need that developers have been creating in JavaScript since forever. The most classic example is the `<textarea>`, which makes a lot of sense to be sized to as large as the user entering information into it needs to be, without having to explicitly resize it (which is difficult at best on a small mobile screen). But inline resizing [can be nice too](#).

Support

Browser Support

Chrome and looks to be coming soon to Safari.

Progressive Enhancement

Yes! This isn't a hard requirement usually but more of a UX nicety.

Polyfill

There is some [very lightweight JavaScript](#) to replicate this if you want to.

Usage Example



index.html

Preview

EDIT ON
CODEPEN

First Name

Chris

Middle Last Name

This
Little
Piggy
Went
To
Market.
This
Little
Piggy
Went
Home

CUSTOM SELECTS

What is this?

Styling the *outside* of a `<select>` has been decently possible for a while, but when you open it up, what the browser renders is an operating-system specific default. Now you can opt-in to entirely styleable select menus.

Why should I care?

Support

Browser Support

Chrome only

Progressive Enhancement

100%. It just falls back to a not-styled `<select>` which is fine.

Polyfill

Back when this endeavor was using `<selectlist>` [there was](#), but in my opinion the progressive enhancement story is so good you don't need it.

Usage Example

[First you opt-in](#) then you [go nuts](#).

CSS

```
select,  
::picker(select) {  
    appearance: base-select;  
}
```

The screenshot shows a browser window with a code editor interface. At the top, there are tabs for 'HTML' and 'CSS'. To the right of the tabs is a button labeled 'Result' with an orange underline. On the far right is the 'CODEPEN' logo with the word 'EDITION' above it. The main content area contains a single dropdown menu with the text 'Select a country' and a small downward arrow icon. At the bottom of the editor, there is a 'Resources' section, a zoom control with options '1x', '0.5x', and '0.25x', and a 'Rerun' button.

TEXT-WRAP

What is this?

The `text-wrap` property in CSS allows you to instruct the browser that it can and should wrap text a bit differently. For example, `text-wrap: balance;` will attempt to have each line of text as close to the same length as possible.

Why should I care?

This can be a much nicer default for large font-size elements like headers. It also can help with single-word-on-the-next-line orphans, but there is also `text-wrap:`

pretty; which can do that, and [is designed](#) for smaller-longer text as well, creating better-reading text. Essentially: better typography for free.

Support

Browser Support

balance is supported across the board but pretty is only Chrome and Safari so far.

Progressive Enhancement

Absolutely. As important as we might agree typography is, without these enhancements the text is still readable and accessible.

Polyfill

[There is one for balance.](#)

Usage Example

[index.pen.html](#)

Preview

EDIT ON
CODEPEN

Often, when people create layouts of text for the sake of design, they fill it with a lot of text. That text is not “real”. It’s far text meant simply to fill up the space, and provide for the opportunity to see if the layout of the content works under all conditions. People may be discovering that this text has short a lot of words all in a row. Or perhaps larger words covering a greater distance demonstrate hyphenation alongside complicated powerfully descriptive phraseology.

It's also important to test paragraphs of different lengths. Some paragraphs are actually really short. Often that short paragraph shows off something nunchv

- `text-wrap: pretty`
- `hyphenate`
- `justify`
- `show guides`
- `show ghosts`
- `text-wrap: balance`

Resources

- Jen Simmons: [Better typography with text-wrap pretty](#)
- Stephanie Stimac: [When to use CSS text-wrap: balance; vs text-wrap: pretty;](#)

LINEAR() EASING

What is this?

I think this one a *little* confusing because `linear` as a keyword for `transition-timing-function` or `animation-timing-function` kinda means “flat and boring” (which is sometimes what you want, like when changing opacity for instance). But this [linear\(\) function](#) *actually* means you’re about to do an easing approach that is probably extra fancy, like having a “bouncing” effect.

Why should I care?

Even the fancy [cubic-bezier\(\)](#) function can only do a really limited bouncing affect with an animation timing, but the sky is the limit with `linear()` because it takes an unlimited number of points.

Support

Browser Support

Across the board

Progressive Enhancement

Sure! You could fall back to a named easing value or a `cubic-bezier()`

Polyfill

Not that I know of, but if fancy easing is very important to you, JavaScript libraries [like GSAP](#) have this covered in a way that will work in all browsers.

Usage Example

CSS

```
.bounce {  
  animation-timing-function: linear(
```



```
    0, 0.004, 0.016, 0.035, 0.063, 0.098, 0.141 13.6%, 0.25, 0.391, 0.563,  
    0.765,  
    1, 0.891 40.9%, 0.848, 0.813, 0.785, 0.766, 0.754, 0.75, 0.754, 0.766,  
    0.785,  
    0.813, 0.848, 0.891 68.2%, 1 72.7%, 0.973, 0.953, 0.941, 0.938, 0.941,  
    0.953,  
    0.973, 1, 0.988, 0.984, 0.988, 1  
);  
}
```

The screenshot shows a CodePen preview interface. At the top left is a file icon and the text "index.pen.pug". In the center is a "Preview" button with an orange bar above it. At the top right is the "EDIT ON CODEPEN" button. Below these are two rows of language names: Italian, Japanese, Chinese, Indian in the first row, and Thai, French, American, Korean in the second row. The third row contains Greek, Spanish, and Turkish. The main area below the language names is a large, empty white space.

Resources

- Jake Archibald: [linear\(\) easing generator](#)
- Matthias Martin: [Easing Wizard](#)

SHAPE()

What is this?

While CSS has had a `path()` function for a while, it only took a 1-for-1 copy of the `d` attribute from SVG's `<path>` element, which was forced to work only in pixels and has a [somewhat obtuse syntax](#). The [shape\(\) function](#) is basically that, but fixed up properly for CSS.

Why should I care?

The `shape()` function can essentially draw anything. You can apply it as a value to `clip-path`, cutting elements into any shape, and do so responsively and with all the power of CSS (meaning all the units, custom properties, media queries, etc). You can also apply it to `offset-path()` meaning placement and animation along any drawable path. And presumably soon `shape-outside` as well.

Support

Browser Support

It's in Chrome and Safari and flagged in Firefox, so everywhere fairly soon.

Progressive Enhancement

Probably! Cutting stuff out and moving stuff along paths is usually the stuff of aesthetics and fun and falling back to less fancy options is acceptable.

Polyfill

Not really. You're better off working on a good fallback.

Usage Example

[Literally any SVG path](#) can be converted to `shape()`.

CSS



```
.arrow {  
  clip-path: shape(  
    evenodd from 97.788201% 41.50201%,  
    line by -30.839077% -41.50201%,  
    curve by -10.419412% 0% with -2.841275% -3.823154% / -7.578137%  
    -3.823154%,  
    smooth by 0% 14.020119% with -2.841275% 10.196965%,  
    line by 18.207445% 24.648236%, hline by -67.368705%,  
    curve by -7.368452% 9.914818% with -4.103596% 0% / -7.368452% 4.393114%,  
    smooth by 7.368452% 9.914818% with 3.264856% 9.914818%,  
    hline by 67.368705%, line by -18.211656% 24.50518%,  
    curve by 0% 14.020119% with -2.841275% 3.823154% / -2.841275% 10.196965%,  
    curve by 5.26318% 2.976712% with 1.472006% 1.980697% / 3.367593%  
    2.976712%,  
    smooth by 5.26318% -2.976712% with 3.791174% -0.990377%, line by  
    30.735919% -41.357537%,  
    curve by 2.21222% -7.082013% with 1.369269% -1.842456% / 2.21222%  
    -4.393114%,  
    smooth by -2.21222% -7.082013% with -0.736024% -5.239556%,  
    close  
  );  
}
```

The natural re-sizeability and more readable syntax is big advantage over path():



index.pen.html

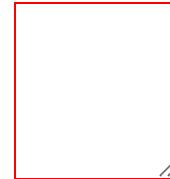
Preview

EDIT ON
CODEPEN

path()



shape()



MORE POWERFUL ATTR()

What is this?

The attr() function in CSS can pull the string value of the matching HTML element. So with `<div data-name="Chris">` I can do `div::before { content: attr(data-name); }` to pull off and use "Chris" as a string. But now, you can apply *types* to the values you pull, making it a lot more useful.

Why should I care?

Things like numbers and colors are a lot more useful to pluck off and use from HTML attributes than strings are.

HTML	
<pre>attr(data-count type(<number>))</pre>	

Support

Browser Support

Chrome only

Progressive Enhancement

It depends on what you're doing with the values. If you're passing through a color for a little aesthetic flourish, sure, it can be an enhancement that fallback to something else or nothing. If it's crucial layout information, probably not.

Polyfill

Not that I know of.

Usage Example



index.html

Preview

EDIT ON
CODEPEN

String Usage

Duplicating text for an aesthetic effect.

Chris Coyier

Layout Control

Passing integer of columns for layout, applying gap automatically.

 Lorem, ipsum dolor sit amet consectetur adipisicing elit. Nihil, est blanditiis vero praesentium architecto aliquam sed, deleniti corrupti dolore eos necessitatibus nesciunt eaque nulla omnis. Non

 fuga ut ad dolore quibusdam error vitae dolorem? Incidunt obcaecati, suscipit dolorum hic quae vitae officiis fugiat qui delectus vero quo facilis veniam itaque laborum nam. Optio

 mollitia soluta nulla est sed neque hic perspiciatis distinctio repellat obcaecati, iste aliquid tempore exercitationem ex veritatis illum voluptates fuga quis.

Color Usage

Passing a color, which is manipulated into two colors.

 Lorem ipsum dolor sit amet, consectetur adipisicing elit. Eligendi voluptatem dignissimos suscipit omnis, dolore, eos itaque vel possimus nesciunt fuga consectetur reprehenderit ipsa laudantium. Necessitatibus voluptatum eligendi quasi a mollitia.

Rounding Font Sizes

Passing an integer font-size, which is rounded to the nearest 5.

 Lorem ipsum dolor sit amet consectetur adipisicing elit.

 Architecto ipsam enim quam, non tempora sunt veritatis?

 Dolor tenetur facilis, tempora consequatur vitae illum delectus!

 Porro aliquam dolorem eveniet similiqe aliquid asperiores repellat.

READING FLOW

What is this?

There are various ways to change the layout such that the visual order no longer matches the source order. [The new reading-order property](#) allow us to continue to do that while updating the behavior such that tabbing through the elements happens in a predictable manner.

Why should I care?

For a long time we've been told: don't re-order layout! The source order should match the visual order as closely as possible, so that tabbing focus through a page happens in a sensible order. When you mess with the visual order and not source order, tabbing can become zig-zaggy and unpredictable, even causing scrolling, which is a bad experience and a hit to accessibility. Now we can inform the browser that we've made changes and to follow a tabbing order that makes sense for the layout style we're using.

Support

Browser Support

Chrome only

Progressive Enhancement

Not particularly. We should probably not be re-ordering layout wildly until this feature is more safely across all browsers.

Polyfill

No, but if you were so-inclined you could (hopefully very intelligently) update the tabindex property of the elements to a sensible order.

Usage Example

CSS

```
.grid {  
  reading-flow: grid-rows;  
}
```

Re-ordering a grid layout is perhaps of the most common things to re-order, and having the tabbing order follow the rows after re-arranging is sensible, so that's what the above line of code is doing. But you'll need to set the value to match what you are doing. For instance if you are using flexbox layout, you'd likely set the value to `flex-flow`. [See MDN for the list of values.](#)

Before reading-flow: 1, 2, 3, 4
After reading-flow: 4, 2, 3, 1

4 2

3 1

Resources 1x 0.5x 0.25x Rerun

Resources

- Rachel Andrew: [Reading flow ships in Chrome 137](#)
- Daniel Schwarz: [What We Know \(So Far\) About CSS Reading Order](#)
- Di Zhang: [Use CSS reading-flow for logical sequential focus navigation](#)

Stuff to Keep an Eye On

- “Masonry” layout, despite having different preliminary implementations, is not yet finalized, but there is enough movement on it it feels like we’ll see that get sorted out next year. The most interesting development at the moment is [the proposal of item-flow](#) and how that could not only help with Masonry but bring other layout possibilities to other layout mechanisms beyond grid.
- The CSS function `random()` is in Safari [and it's amazing](#).

- The CSS property [margin-trim](#) is super useful and we're waiting patiently to be able to use it more than just Safari.
- The [sibling-index\(\)](#) and [sibling-count\(\)](#) functions are in Chrome and, for one thing, are really useful for staggered animations.
- For View Transitions, `view-transition-name: match-element;` is awfully handy as it prevents us from needing to generate unique names on absolutely everything. Also — Firefox has View Transitions in development, so that's huge.
- We should be able to use `calc()` to multiply and divide with units (instead of requiring the 2nd to be unitless) [soon](#), instead of needing a [hack](#).
- We never did get "[CSS4](#)" ([Zoran explains nicely](#)) but I for one still think some kind of named versioning system would be of benefit to *everyone*.
- If you're interested in a more straightforward list of "new CSS things" for say the last ~5 years, [Adam Argyle has a great list](#).

Great Stuff to Remember

- [Container queries](#) (and units) are still relatively new and the best thing since media queries in CSS.
- The [:has\(\).pseudo-class](#) is wildly useful for selecting elements where the children exist or are in a particular state.
- Ultra cool modern CSS features like [View Transitions](#), [Anchor Positioning](#), and [Scroll-Driven Animations](#) have all made it to Safari.
- All the useful extra viewport units (shoutout dvh) [are now in baseline](#).

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9 responses to “What You Need to Know about Modern CSS (2025 Edition)”



NIZAMUDDIN SHAIKH SAYS:

SEPTEMBER 21, 2025 AT 1:06 AM

New pop-ups are amazing. Functions and if conditions open many avenues in CSS writing. Attr, texts, select and all new features enable quality programming.

[Reply](#)



FRANK CONIJN SAYS:

SEPTEMBER 27, 2025 AT 3:49 AM

Great article, but have you tried the popover example on an iPad? It doesn't work on mine, while the iPad is current on updates (iOS 18.6).

[Reply](#)



FRANK CONIJN SAYS:

SEPTEMBER 27, 2025 AT 12:31 PM

Please ignore my post because you already mentioned that only Chrome supported it. (On <https://caniuse.com/?search=popover> it says that Safari supports it as well,

but that's not correct when it comes to iOS.)

[Reply](#)



MICHAEL CLAWSON SAYS:

OCTOBER 1, 2025 AT 12:19 AM

My company's traffic is around 90% iOS Safari. Chrome only features are absolutely irresponsible for us to use. I don't believe progressive enhancement or fallbacks or polyfills makes it worth it either. We shouldn't be spending dev time making something look pretty or work better for 5% or less of our customers.

Now if your traffic is more evenly mixed then maybe it makes sense to use them but have fallbacks or polyfills, or use as a progressive enhancement. But I think it still doesn't make sense to feature them from a broader ecosystem perspective. Chrome is the new IE. It can do what it wants because it has so much market share. A lot of Chrome only features will never become a standard and standards are what we should be building for. Chrome only features belong in the "stuff to keep an eye on section".

That said. There's some cool stuff in here. Thank you for writing them up.

[Reply](#)



BENOÎT ROULEAU SAYS:

OCTOBER 4, 2025 AT 9:14 AM

To me, the most interesting thing about `if()` isn't just that it "makes for more readable code and potentially prevents certain types of code repetition", but that it allows setting the value of a property conditionally based on the value of a custom property **ON THE SAME ELEMENT** (unlike style queries, which can only check property values on a container element).

[Reply](#)



CHRIS COYIER SAYS:

OCTOBER 5, 2025 AT 10:26 AM

Interesting. Good observation.

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MAX SAYS:

OCTOBER 20, 2025 AT 5:17 PM

I think it's time for us to consider a bold change in CSS naming. Rather than sticking to 3, 4, 5, and so forth, we could opt for CSSQ. The Q symbolizes queen. I've always regarded CSS as the queen of the web.

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ROBERT BOTTOMLEY SAYS:

NOVEMBER 7, 2025 AT 7:56 PM

If the example for if():

```
if(  
  media(max-width > 300px): repeat(2, 1fr);  
  media(max-width > 600px): repeat(3, 1fr);  
  media(max-width > 900px): repeat(auto-fit, minmax(250px, 1fr));  
  else: 1fr;  
)
```

You may want to reverse the matches. You say "first match wins." If so, the 600px and 900px matches will never execute since they are both greater than 300 and that will always win.

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CHRIS COYIER SAYS:

NOVEMBER 8, 2025 AT 1:44 PM

You're 100% right. I also screwed up that media query syntax. It should just be width or inline-size. So fixed is like:

```
if(  
    width > 900px): repeat(auto-fit, minmax(200px, 1fr));  
    width > 600px): repeat(3, 1fr);  
    width > 300px): repeat(2, 1fr);  
else: 1fr;  
);
```

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