

SMART LAYOUTS UND DAS NEUE SELECT-ELEMENT

Jens Grochtdreis | Unkonf 2025 - Mannheim

NEUE MÖGLICHKEITEN, SELECT-ELEMENTE ZU GESTALTEN

Der Belgier Brecht de Ruyte engagiert sich in der Community **OpenUI**. Er stellte auf dem CSSDay 2025 die neuen Möglichkeiten des Select-Elements vor. In seinem Blog hat er **eine mittlerweile fünfteilige Serie** darüber verfasst.

Aktuell können nur alle Chromium-basierten Browser diese neuen Techniken umsetzen.

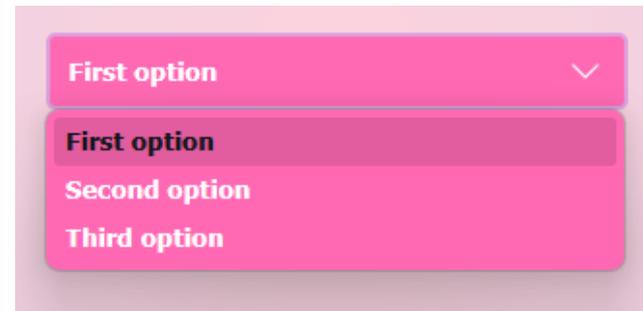
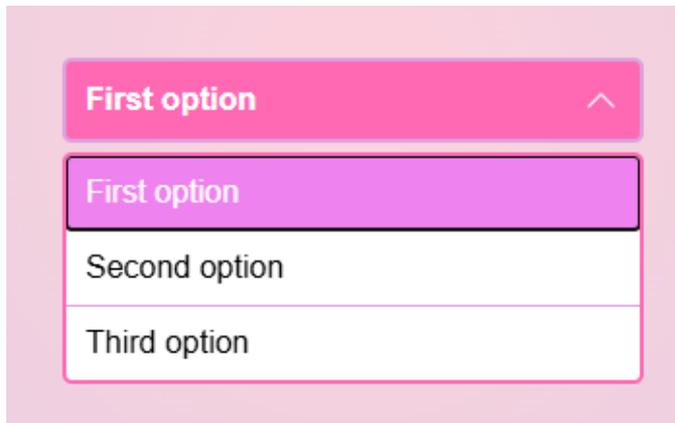
Für alle anderen beitet sich Progressive Enhancement mit Hilfe von support-Queries an:

```
select {  
  appearance: none;  
}  
  
@supports (appearance: base-select) {  
  select, select::picker {  
    appearance: base-select;  
  }  
}
```

WIR BRAUCHEN NEUES HTML

```
<select>
  <!-- MUSS als erstes Kindelement kommen! -->
  <button>
    <selectedcontent></selectedcontent>
  </button>
  <option value="first">
    
    <span>Pokeball</span>
  </option>
</select>
```

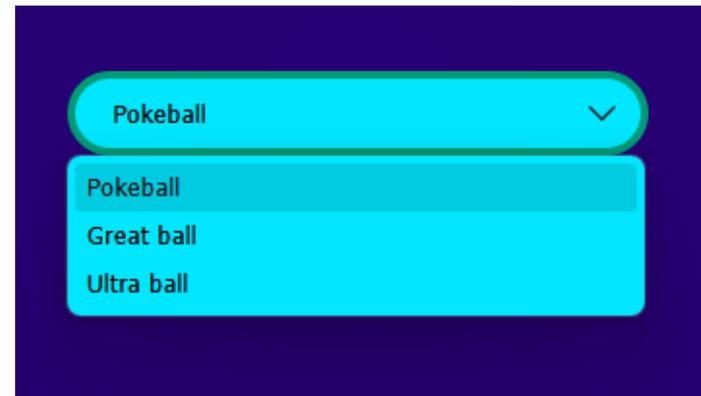
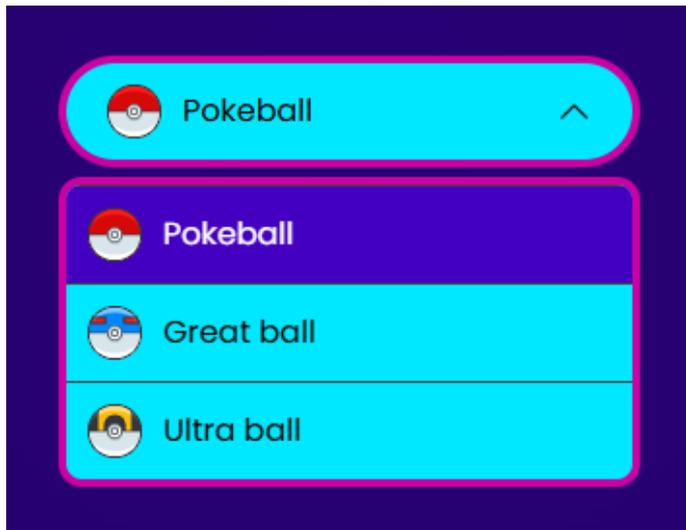
GANZ EINFACHES STYLING



Codepen

ICONS ZU DEN OPTIONEN

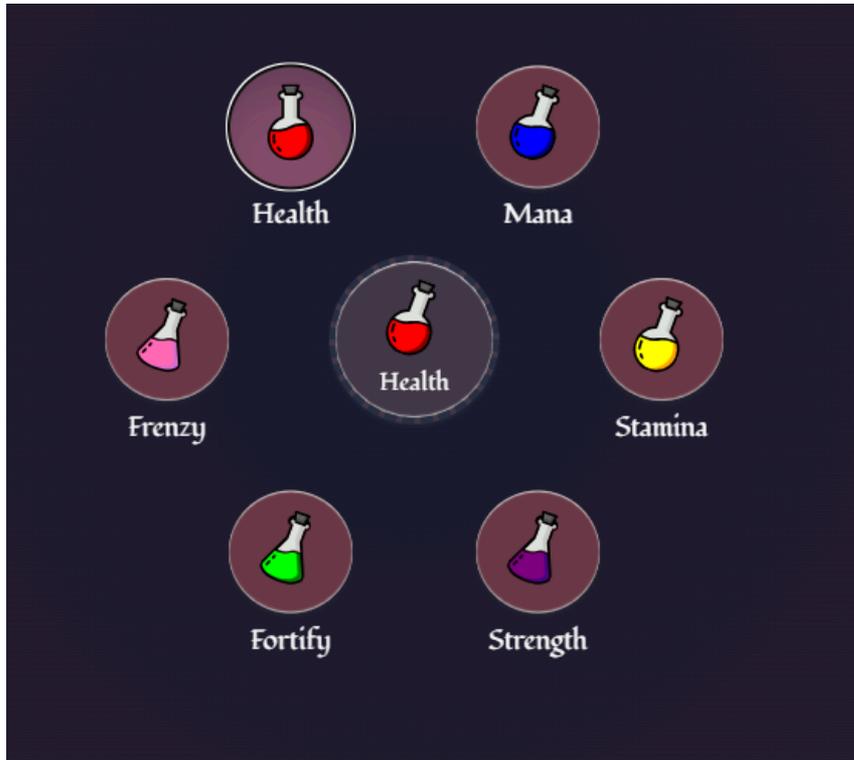
Endlich können wir Icons zu den Optionen geben. Der Firefox macht da leider noch nicht mit. Aber dank Progressive Enhancement kann man das Select-Element bedienen.



Codepen

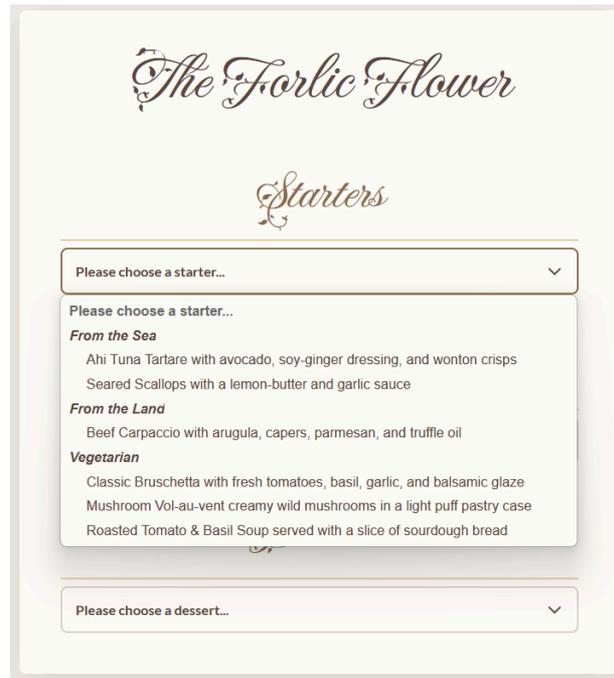
OPTIONEN IM KREIS ANORDNEN

Dieses ist ein sehr **beeindruckendes Beispiel**. Es zeigt die unglaubliche Flexibilität, die hinter der neuen Technik steht. Und die Flexibilität von Progressive Enhancement.



JETZT WIRD ES TOTAL WILD

Man kann ein Select auch seitenbreit öffnen. Es macht dann mehr den **Eindruck eines Modalfensters**. Im Firefox gibt es dank Progressive Enhancement den ungestylten Standard.



Das Select verbreitet sich im Chromium-Browser über den gesamten Viewport.

From the Sea

Ahi Tuna Tartare

with avocado, soy-ginger dressing, and wonton crisps

Seared Scallops

with a lemon-butter and garlic sauce

From the Land

Beef Carpaccio

with arugula, capers, parmesan, and truffle oil

Vegetarian

Classic Bruschetta

with fresh tomatoes, basil, garlic, and balsamic glaze

Mushroom Vol-au-vent

creamy wild mushrooms in a light puff pastry case

Roasted Tomato & Basil Soup

served with a slice of sourdough bread

WEITERE LINKS

- Seine **Slides**
- **Sammlung** von Beispielen auf Codepen
- **Customizable Select Element (Explainer)** - von OpenUI

SMART LAYOUTS

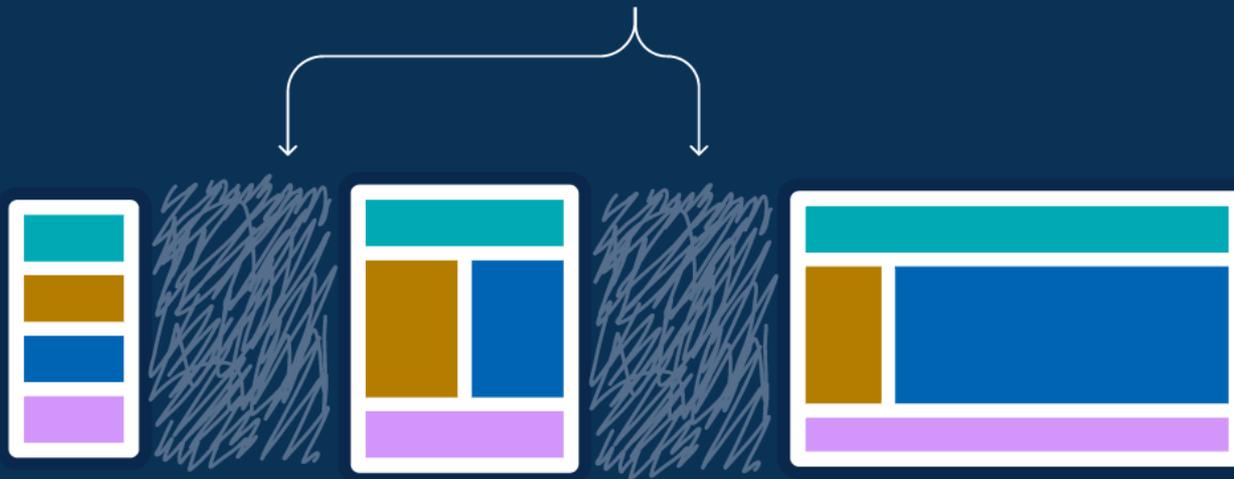
**BISHERIGES RESPONSIVE WEBDESIGN
IST AUF DEN VIEWPORT FOKUSSIERT**

UNTERSCHIEDLICHE BEZUGSPUNKTE FÜR RESPONSIVITÄT

- Viewport (Media Query)
- Inhalt
- Container (Container Query)
- User Präferenzen (prefers-color-scheme)

In-between breakpoint

What happens in those breakpoints?



Mobile

Tablet

Desktop



Content aware

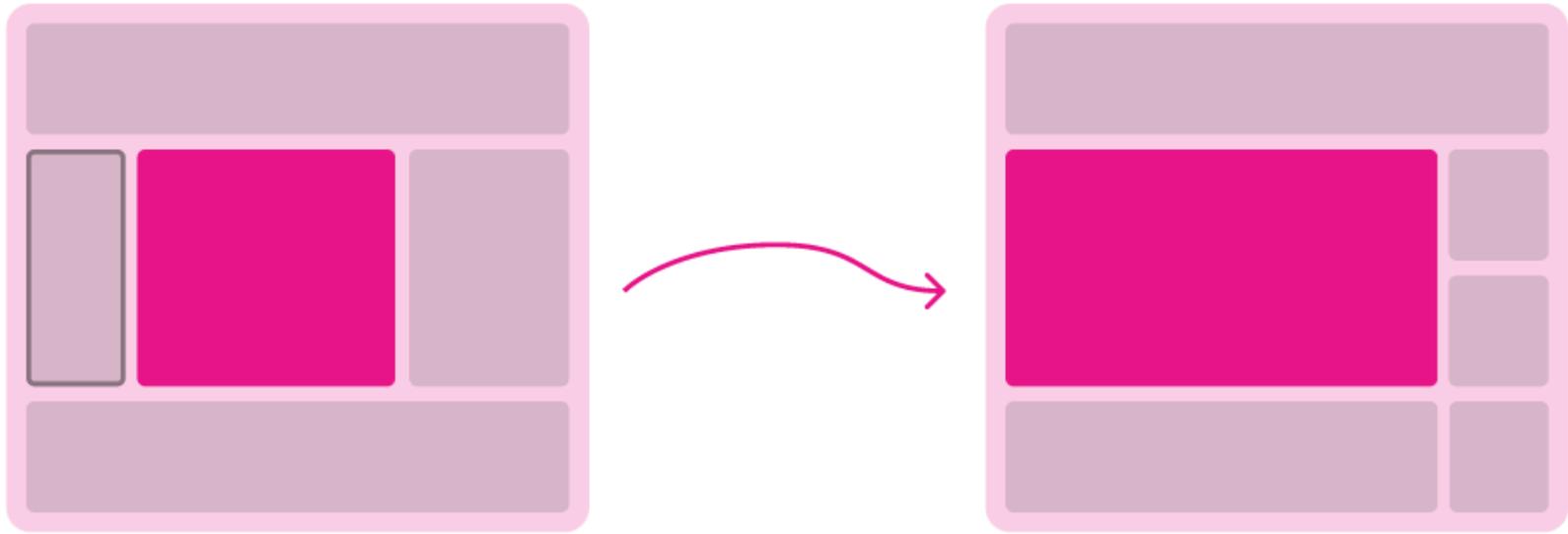
```
.teaser-header:not(:has(.teaser-mark)) :is(h2, h3) {  
  text-align: center;  
}
```

DEN :has()-SELEKTOR NUTZEN!

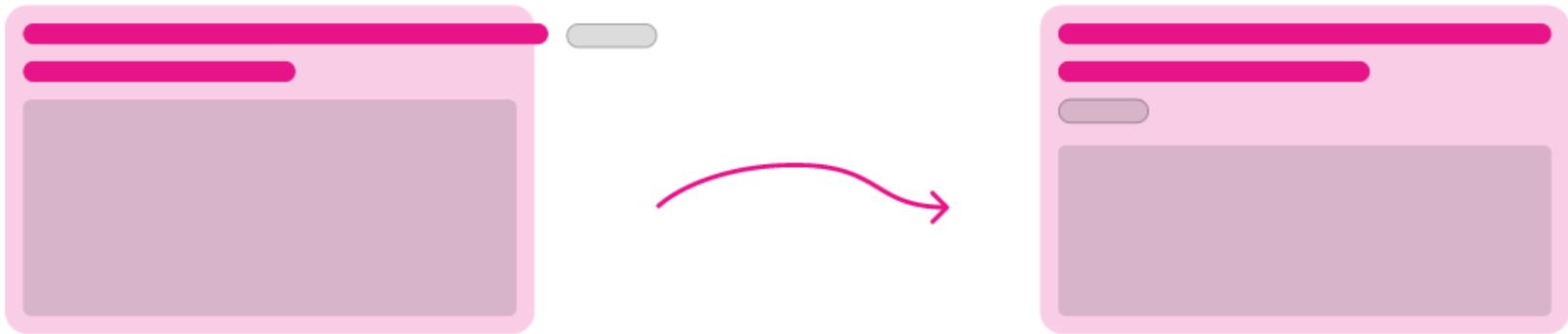
Beispielsweise mit CSS abfragen, ob ein Element existiert und dann darauf reagieren:

```
.teaser {  
  display: flex;  
  flex-direction: column;  
}  
  
.teaser:has(img) {  
  max-width: min-content;  
}  
  
.teaser:not(:has(img)) {  
  border-top: 5px solid #a20000;  
}
```

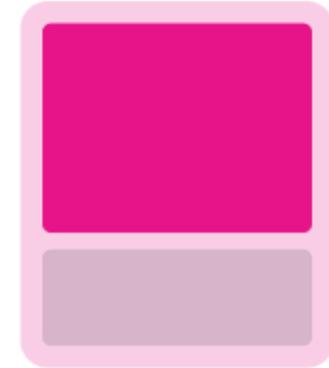
Codepen



Adapt to surroundings



Doesn't break



Conditional

CSS IST IMMERNOCHE KOMPLEXER ALS DIE DESIGN-TOOLS

Building a layout

CSS

Flow layout
Flexbox Columns Subgrid
Size Container Queries Grid scroll-state() Queries
min, max, & clamp() viewport units
query units :has()
Anchor Positioning relative colors
color-mix() Text Wrap
display: contents

The gap is getting bigger year by year.

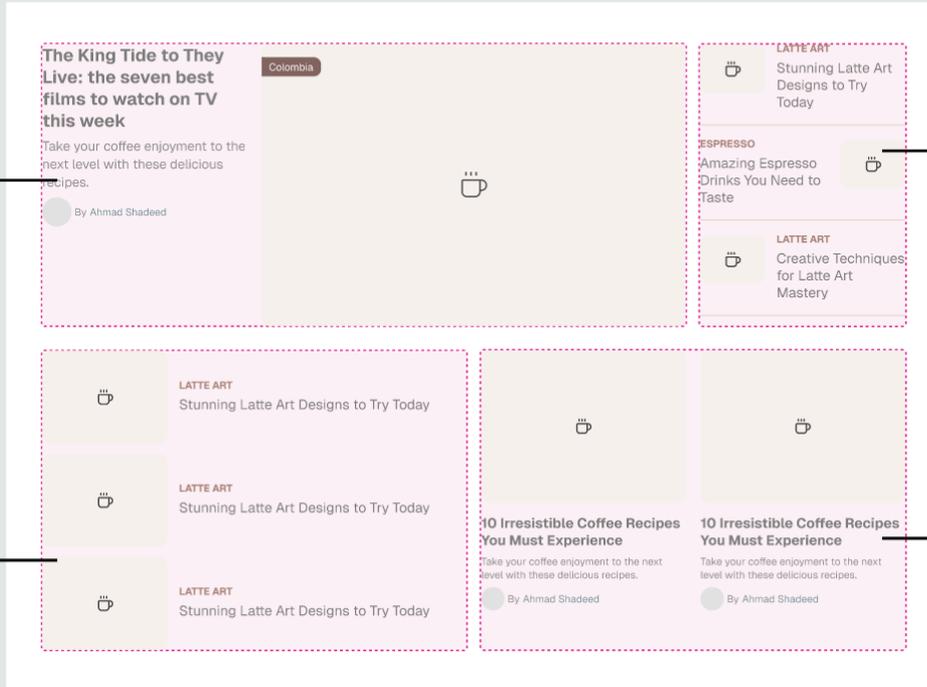
Figma

Fake grid
Fake flexbox
Moving boxes around
Making pictures of websites
and so on..

BASIS SEINER IDEE: LAYOUT-ZONEN

Layout Zones

Single item only
Featured item



Alternate if 2
items or more

Stack if 3 items
or more

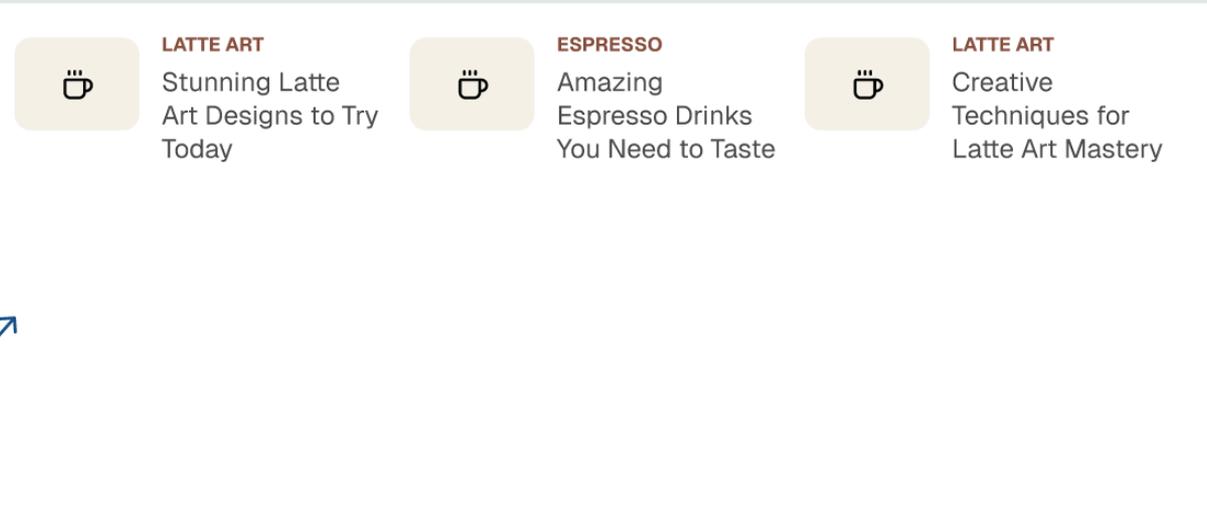
Stack if 3
items or more

**JEDE ZONE KANN BEDINGUNGEN
BESITZEN**

a larger size.. on tablet-ish sizes

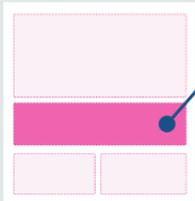
if zone > 250px → dynamic grid

```
repeat(auto-fit, minmax(200px, 1fr))
```



The image shows a horizontal grid of three cards on a tablet-sized screen. Each card features a coffee cup icon, a title, and a subtitle. The cards are arranged in a row, demonstrating the effect of the CSS code above.

Icon	Title	Subtitle
☕	LATTE ART	Stunning Latte Art Designs to Try Today
☕	ESPRESSO	Amazing Espresso Drinks You Need to Taste
☕	LATTE ART	Creative Techniques for Latte Art Mastery



a smaller size **(again!)**.. on mobile-ish sizes

LATTE ART
Stunning Latte Art Designs to Try Today

ESPRESSO
Amazing Espresso Drinks You Need to Taste

LATTE ART
Creative Techniques for Latte Art Mastery

If 3+ items & zone < 250px → Alternate effect



With quotes



Practising latte art without wasting milk

Take your coffee enjoyment to the next level with these delicious recipes.

By Ahmad Shadeed



The best espresso is what you like. Follow recipes if you like them only.



Ahmad Shadeed



The best espresso is what you like. Follow recipes if you like them only.



Ahmad Shadeed



The difference between light and dark roast

Learn how roast level changes the flavor of your coffee.



Coffee mistakes you didn't know you're making

Fix common coffee brewing mistakes for a better cup.



Easy tricks for better coffee at home

Master the art of coffee brewing with these expert tips.



The best time of day to drink coffee

When to enjoy coffee for the best boost without the jitters.



How much caffeine is really in your cup

Understand caffeine levels in different types of coffee.

Without quotes



Practising latte art without wasting milk

Take your coffee enjoyment to the next level with these delicious recipes.

By Ahmad Shadeed



The difference between



Coffee mistakes you



Easy tricks for better



The best time of day to



How much caffeine is

With quotes (3+)



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Ahmad Shadeed

LINKS

- **Ahmads Slidedeck** mit 224 Slides ist sehr sehenswert.
- **Smart design patterns with container queries** von Kevin Powell

DAS WAR'S



- [Grochtdreis.de](https://grochtdreis.de)
- [CSS-Weblog.de](https://css-weblog.de)
- [Meine Kochrezepte](#)
- @jensgro@mastodon.social