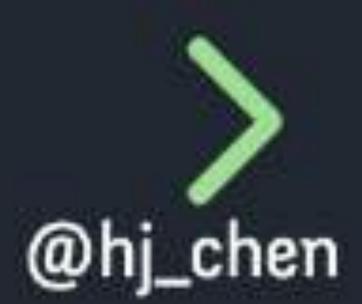
CSS can do that too!

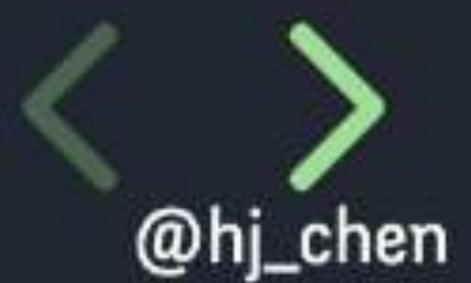
By Chen Hui Jing / @hj_chen





CSS solutions for...

- 1. Responsive text
- 2. Scroll snap
- 3. Sticky elements
- 4. Masonry layout



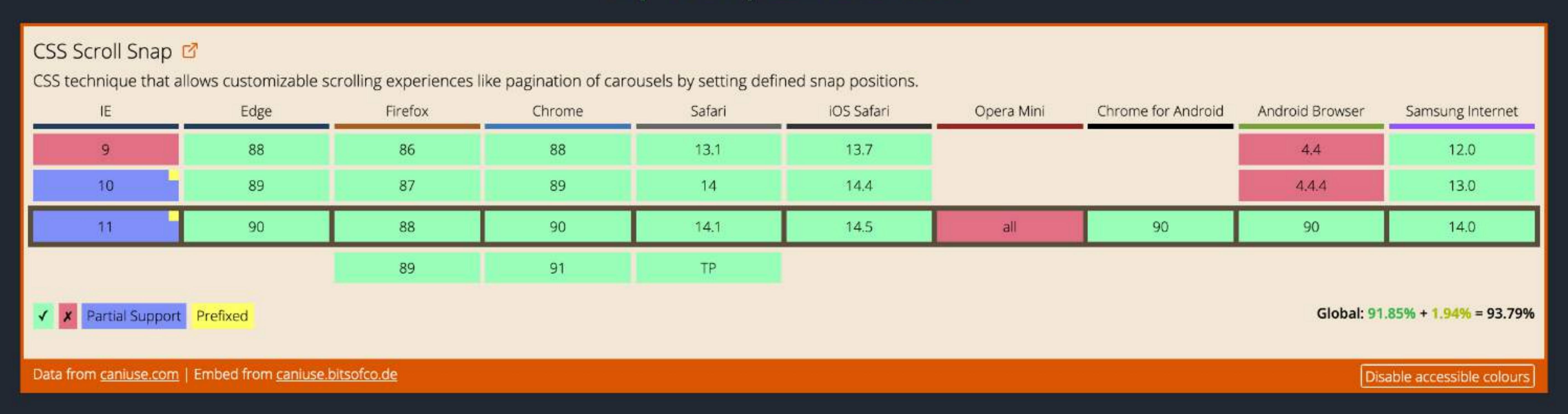
Responsive text

Try it in your browser

CSS math functions min(), max() and clamp() 🗹 More advanced mathematical expressions in addition to `calc()`											
IE	Edge	Firefox	Chrome	Safari	iOS Safari	Opera Mini	Chrome for Android	Android Browser	Samsung Internet		
9	88	86	88	13.1	13.7			4.4	12.0		
10	89	87	89	14	14.4			4.4.4	13.0		
11	90	88	90	14.1	14.5	all	90	90	14.0		
		89	91	TP							
Global: 89.85% + 1.01% = 90.86%											
Data from caniuse.com Embed from caniuse.bitsofco.de											

Scroll snap

Try it in your browser



Sticky elements

Try it in your browser

CSS position:sticky 🗗 Keeps elements positioned as "fixed" or "relative" depending on how it appears in the viewport. As a result the element is "stuck" when necessary while scrolling.										
IE	Edge	Firefox	Chrome	Safari	iOS Safari	Opera Mini	Chrome for Android	Android Browser	Samsung Internet	
9	88	86	88	13.1	13.7			4.4	12.0	
10	89	87	89	14	14.4			4.4.4	13.0	
11	90	88	90	14.1	14.5	all	90	90	14.0	
		89	91	TP						
Global: 24.3% + 71.16% = 95.46%										
Data from caniuse.com Embed from caniuse.bitsofco.de										

@hj_chen

Masonry layout

Try it in your browser

This feature is only implemented in Firefox, and can be enabled by setting the flag layout.css.grid-template-masonry-value.enabled to true, in order to allow testing and providing of feedback.



There is no one right way to do things.

Context is everything.



Further reading and references

- Precise control over responsive typography
- min(), max(), and clamp(): three logical CSS functions to use today
- Responsive Type and Zoom
- Practical CSS Scroll Snapping
- Understanding positioning in CSS
- Scrolling box definition in CSSOM View Module
- Native CSS Masonry Layout In CSS Grid



Thank you



https://chenhuijing.com



@hj_chen



hd @hj_chen



(1) (2) (2) (2) (3)

Font is Fengardo Neue by Loïc Sander.