# Wait, CSS can do that now?

By Chen Hui Jing / @hj\_chen

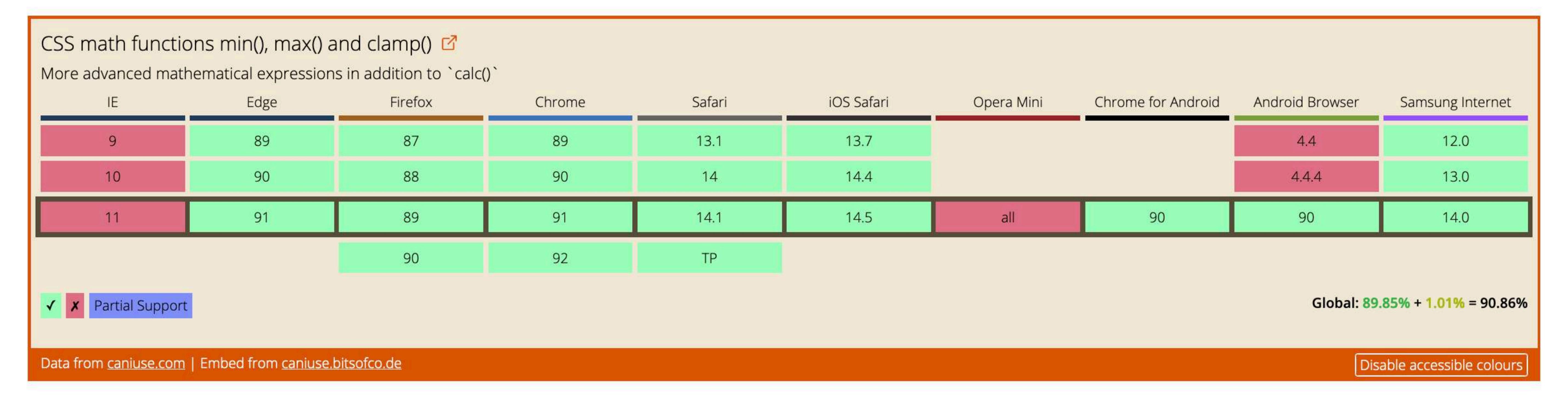


#### CSS solutions for...

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

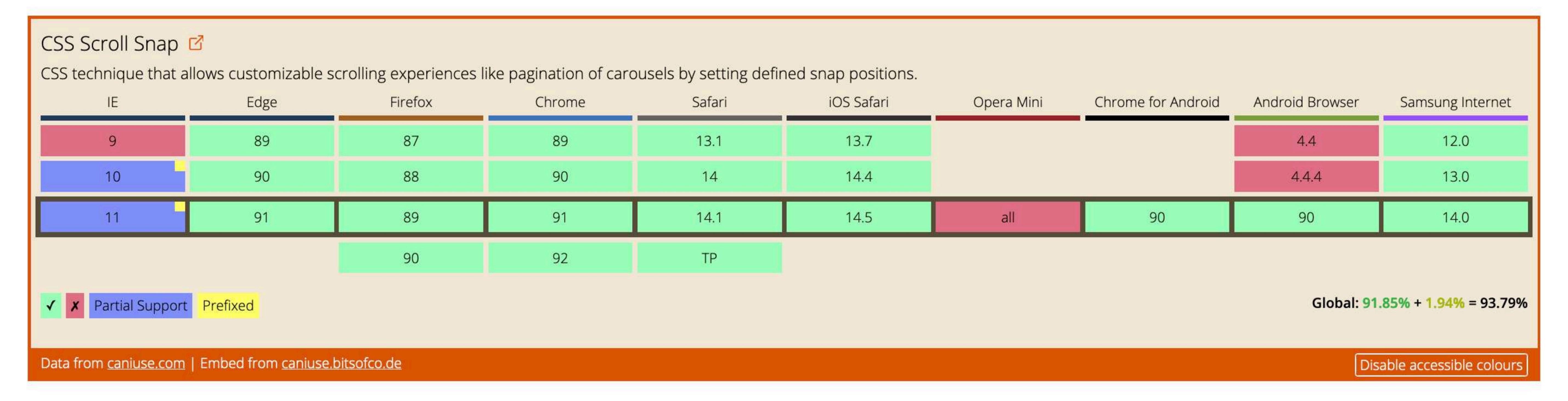
#### Responsive text

#### Try it in your browser



### Scroll snap

#### Try it in your browser



## Sticky elements

#### Try it in your browser

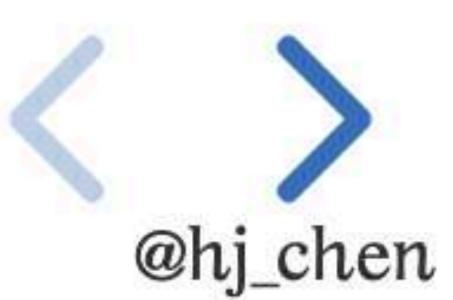
CSS position:sticky ☑									
Keeps elements positioned as "fixed" or "relative" depending on how it appears in the viewport. As a result the element is "stuck" when necessary while scrolling.									
IE	Edge	Firefox	Chrome	Safari	iOS Safari	Opera Mini	Chrome for Android	Android Browser	Samsung Internet
9	89	87	89	13.1	13.7			4.4	12.0
10	90	88	90	14	14.4			4.4.4	13.0
11	91	89	91	14.1	14.5	all	90	90	14.0
		90	92	TP					
Global: 24.3% + 71.16% = 95.46%									
Data from caniuse.com   Embed from caniuse.bitsofco.de									

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### 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.



#### Container queries

Try it in your browser

This feature is only implemented in Chrome Canary, and can be enabled with the "Enable CSS Container Queries" feature flag under chrome://flags, in order to allow testing and providing of feedback.



There is no one right way to do things.

Context is everything.

@hj\_chen

## 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
- Container Query Proposal & Explainer



## Thank you:)

- https://chenhuijing.com
- @hj\_chen
- @hj\_chen
  - (3) @huijing

Font is GFS Artemisia by Takis Katsoulidis.

