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()"
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>IE</td>
<td>Edge</td>
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<tr>
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</tbody>
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Data from caniuse.com | Embed from caniuse.bitsofco.de

Global: 89.85% + 1.01% = 90.86%

https://huijing.github.io/slides/92-jsnation-2021
## Scroll snap

Try it in your browser

### CSS Scroll Snap

CSS technique that allows customizable scrolling experiences like pagination of carousels by setting defined snap positions.

<table>
<thead>
<tr>
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<th>Chrome</th>
<th>Safari</th>
<th>IOS Safari</th>
<th>Opera Mini</th>
<th>Chrome for Android</th>
<th>Android Browser</th>
<th>Samsung Internet</th>
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<tbody>
<tr>
<td>9</td>
<td>88</td>
<td>86</td>
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<td>13.1</td>
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<td>10</td>
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<td>87</td>
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<td>all</td>
<td>90</td>
<td>90</td>
<td>14.0</td>
</tr>
</tbody>
</table>

Prefix: 89, 91, TP

Global: 91.85% + 1.94% = 93.79%

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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.

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Global: 24.3% + 71.16% = 95.46%

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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.
“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

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