

#1 GRID

media queries intro

Media query recap

Grofweg is de workflow.

- Begin met mobile first.
- Maak het scherm breder en kijk of er iets 'stuk' gaat of 'beter' kan.
- Pas het ontwerp aan.
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- Pas het ontwerp aan.
- ...

Nb. Naast de breedte van de viewport zijn er veel meer media queries die je kunt toepassen. Een overzicht vind je op:

developer.mozilla.org/en-US/docs/Web/CSS/Media_Queries/Using_media_queries


Sample

Een lay-out op een breder scherm van 1 kolom naar 2 kolommen laten veranderen met een media query.

One-column

Grid (Graphic design)

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Two-columns

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Mobile-first code 1/4

of one-column first code

Van One-column

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Via Een tussenstapje

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een continuüm

Mobile-first code 2/4

of one-column first code

Van **One-column**


Beginnen bij 320px breed

Via **Een tussenstapje**

Naar **Two-columns**

Grid (Graphic design)

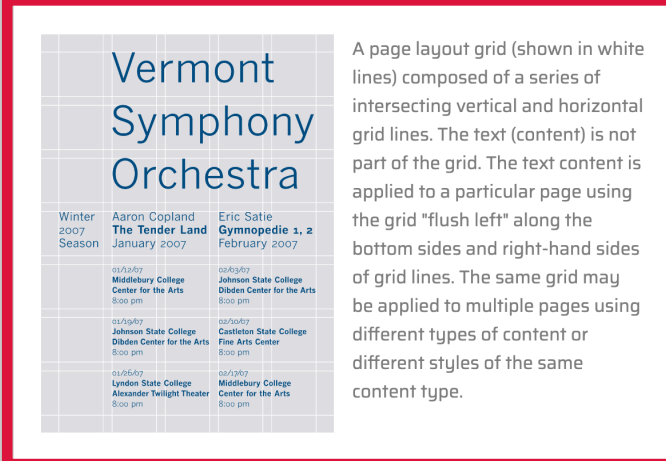
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Meestal begin je met het bouwen van de **small-screen versie** van de website. Vaak staan alle elementen dan **in één kolom onder elkaar**. **Aangevuld met dynamiek:** menu's, harmonica's, carrousel's...

Mobile-first code 3/4

of one-column first code

Dan maak je de browser breder tot de site er niet meer uitziet of tot je kansen ziet om de site te verbeteren.

Dat is veel experimenteren. Er zijn geen standaard 'breakpoints'. Die zijn afhankelijk van het ontwerp van jouw elementen/componenten.


Van One-column

Via Een tussenstapje

Naar Two-columns

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Vanaf 38em staat de figcaption hier bijv. naast de image.

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HTML is **van nature responsive**. Het vult het hele scherm. Met o.a. **max-width, grid, flexbox en clamp** kun je het ontwerp zich daarbij automatisch laten aanpassen.

Als het nodig is kun je elementen of de hele layout met **media queries (min-width)** verder aanpassen.


Mobile-first code 4/4

of one-column first code

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Met clamp wordt de tekst groter als het scherm groter wordt. Er is wel een maximum.

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Vanaf 44em wordt de hele layout hier bijv. aangepast naar 2 kolommen.

Elementen hoeven niet op hetzelfde moment te veranderen - juist niet zelfs.

Het is een goed idee om voor **elk element afzonderlijk** te kijken wanneer er een goede reden is om het element aan te passen.

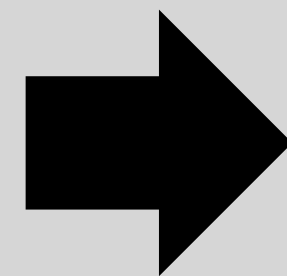
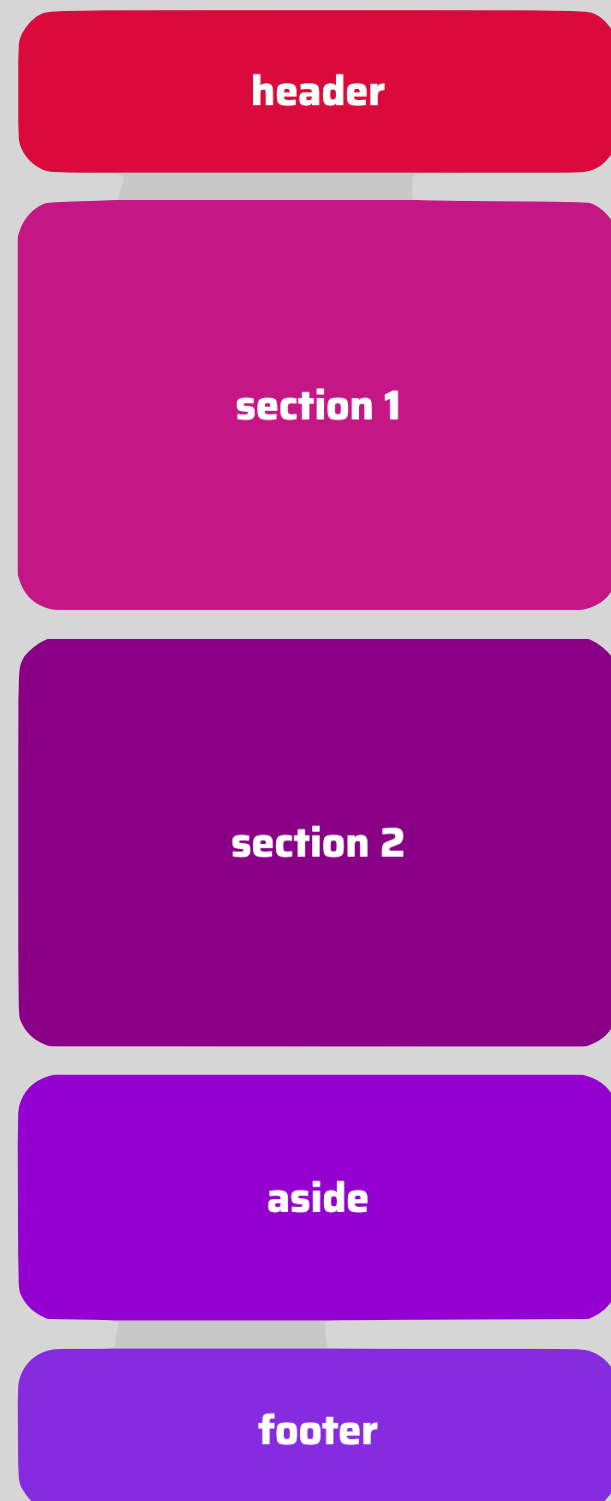
Met minmax() wordt de tweede kolom nooit breder dan 36em, zodat de regels een fijne lengte houden.

Responsive grid demo

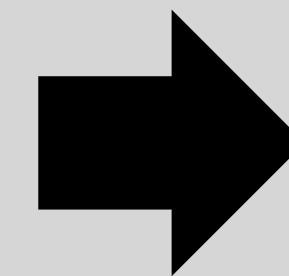
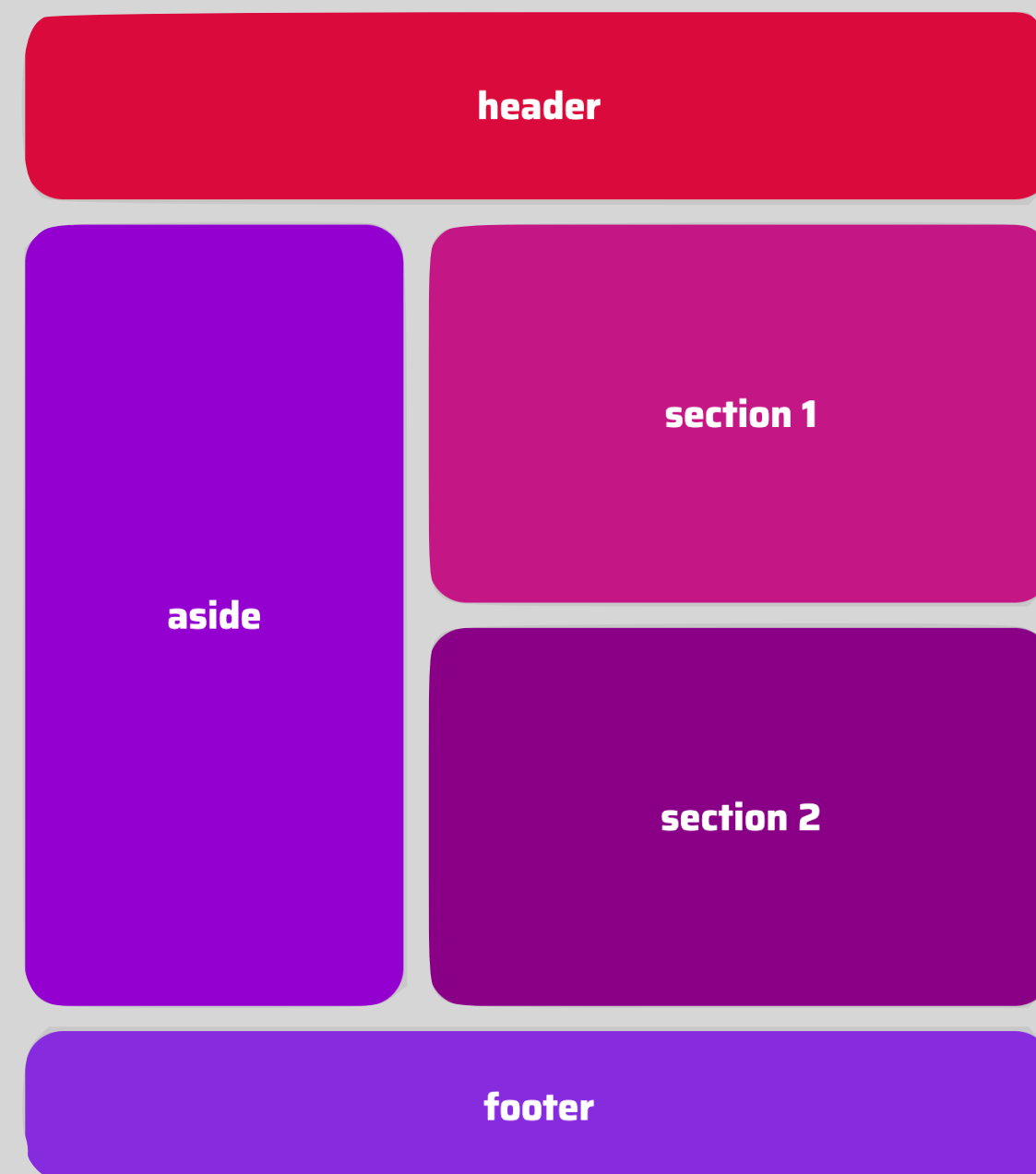
Start: codepen.io/shooft/pen/RwzErGN

Uitwerking: codepen.io/shooft/pen/gONZPwP

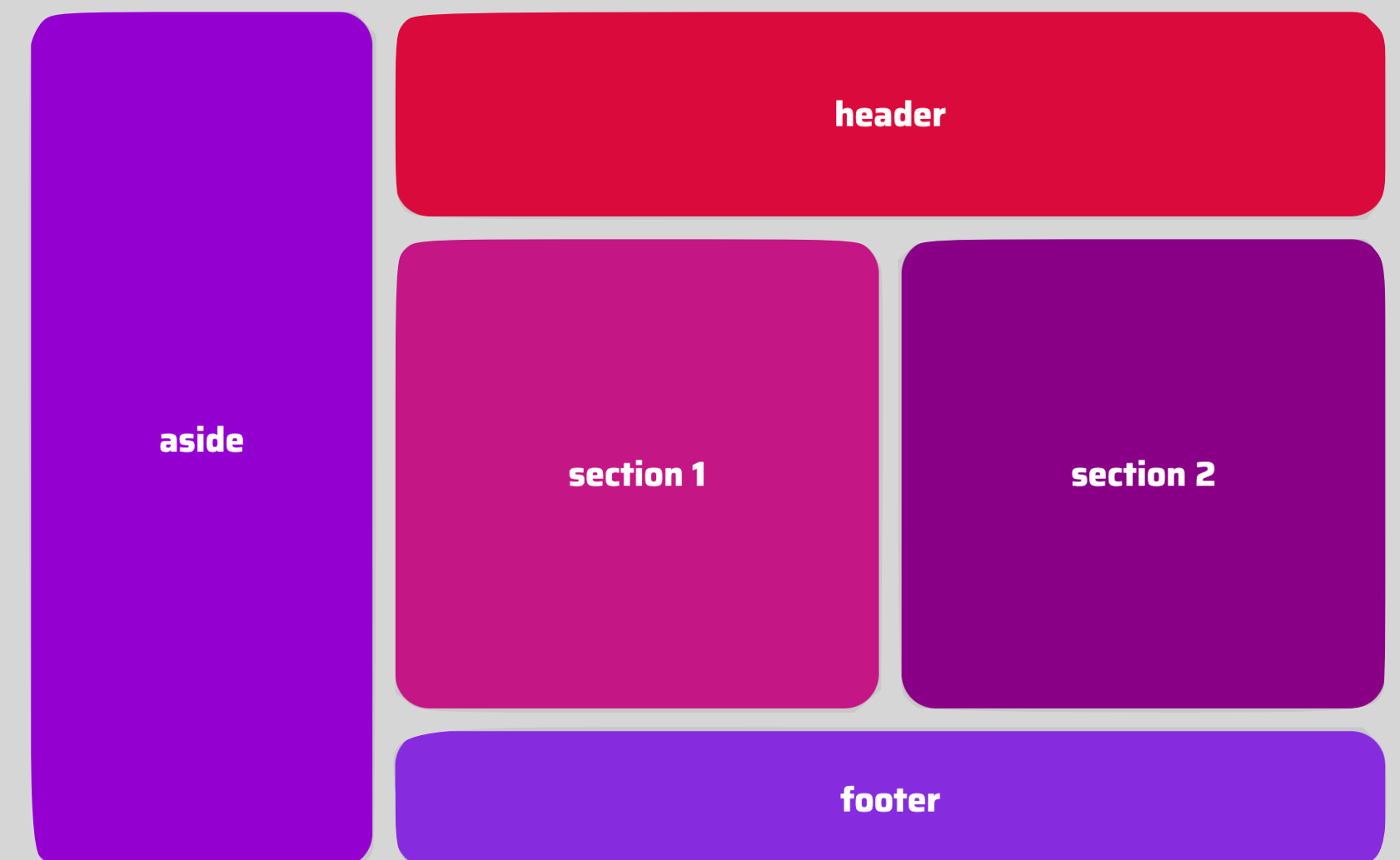
1 kolom



2 kolommen



3 kolommen



Media query anatomie

Fairy tales

A fairy tale, fairytale, wonder tale, magic tale, or Märchen is an instance of a folklore genre that takes the form of a short story. Such stories typically feature entities such as dwarfs, dragons, elves, fairies, giants, gnomes, goblins, griffins, mermaids, talking animals, trolls, unicorns, or witches, and usually magic or enchantments. In most cultures, there is no clear line separating myth from folk or fairy tale; all these together form the literature of preliterate societies. Fairy tales may be distinguished from other folk narratives such as legends (which generally involve belief in the veracity of the events described) and explicit moral tales, including beast fables.

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Als de regels te lang worden, overgaan op 2 kolommen.

```
p {  
  color: RebeccaPurple  
}
```

De basis-styling van de paragraaf

Vergeet die brackets niet

```
p {  
  color: RebeccaPurple  
}
```

Deze regel is nog steeds geldig

De conditie waaraan voldaan moet worden

```
@media (width > 48em) {
```

```
  p {  
    column-count: 2;  
    column-gap: 2em;  
  }
```

De extra regels die nu ook geldig zijn

media queries intro

#JEBID