CSS challenge #1

Media query recap

Grofweg is de workflow.

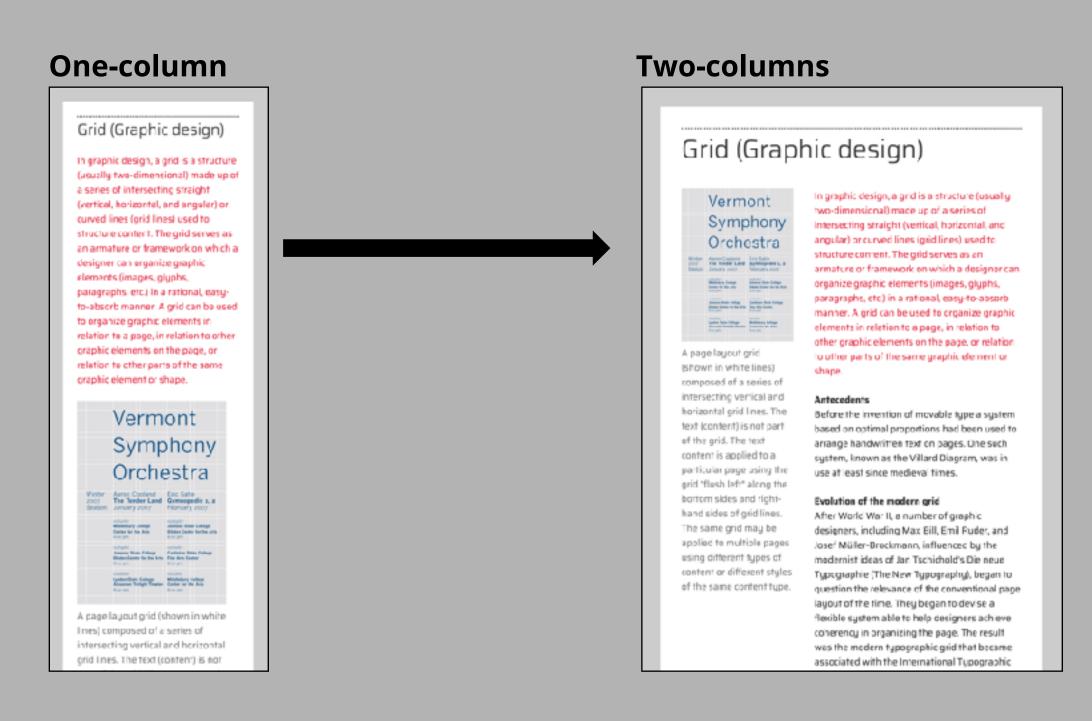
- Begin met mobile first.
- Maak het scherm breder en kijk of er iets 'stuk' gaat of 'beter' kan.
- Pas het ontwerp aan.
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- ..

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

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

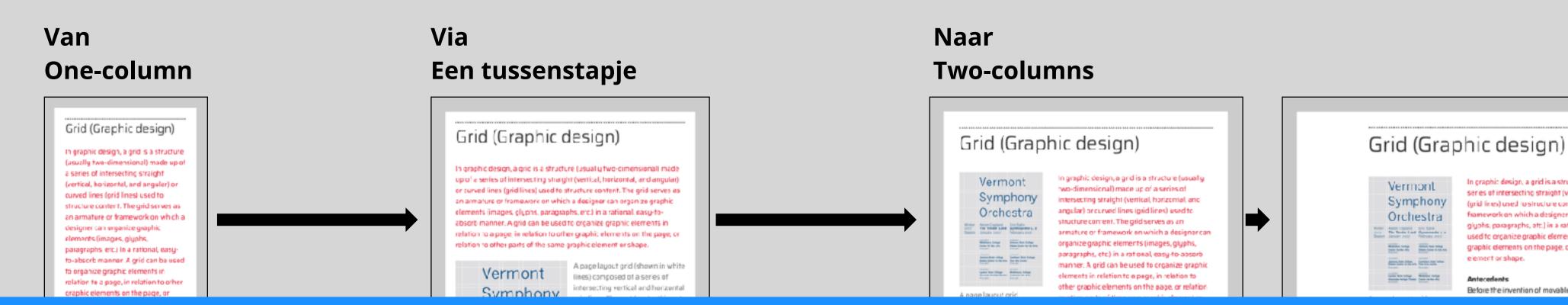
Sample

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



Mobile-first code 1/4

of one-column first code



een continuüm

of the grid. The text

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system, known as the Villard Diagram, was in use at least since medieval times. Evolution of the modern grid After World War II, a number of graphic designers, including Max Bill, Emil Fuder, and Josef Müller-Brockmann, influenced by the modernist ideas of Jan Tschichold's Die neue Tupographie (The New Typography), began to question the relevance of the conventional page layout of the time. They began to devise a flexible system able to help designers achieve coherency in organizing the page. The result was the modern typographic grid that became associated with the International Tupographic

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In graphic design, a grid is a structure (usually two-dimensional) made up of a

series of intersecting straight (vertical, horizontal, and angular) or curved lines

(grid lines) used to structure content. The grid serves as an armature or

framework on which a designer can organize graphic elements (mages,

glyphs, paragraphs, atc.) in a rational, easy-to-absorb manner. A grid can be

used to organize graphic elements in relation to a page, in relation to other

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Before the invention of movable type a system based on optimal proportions

Reaction and reassessment

element or shape.

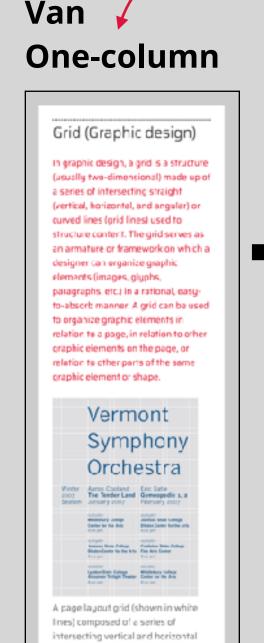
By the mid-1970s instruction of the typographic grid as a part of graphic design curricula had become standard in Europe, North America and much of Latin America. The graphic style of the grid was adopted as a look for corporate communication. In the early 1980s, a reaction against the entrenchment of the grid, particularly its dogmatic use, and association with corporate culture, resulted in some designers rejecting its use in favor of more

Mobile-first code 2/4

of one-column first code

Beginnen bij

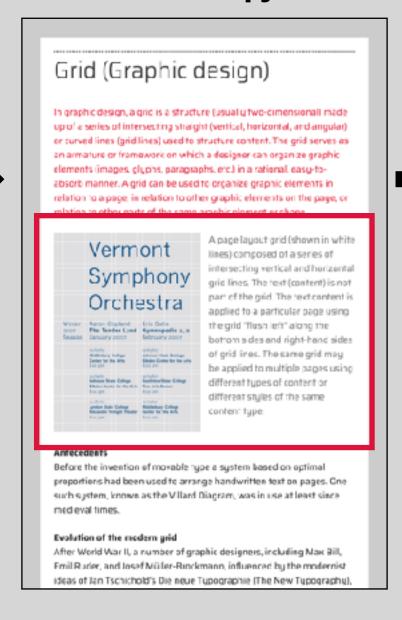
320px breed



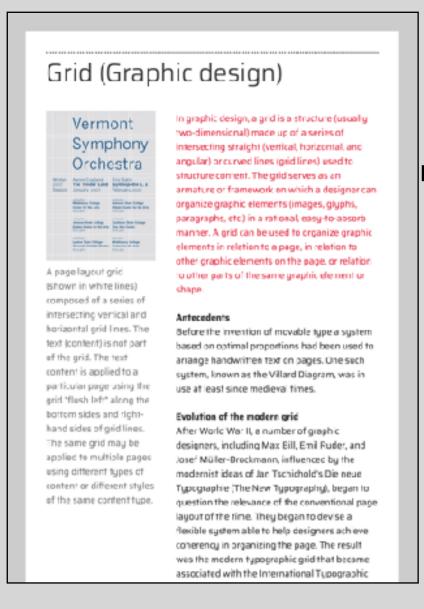
grid lines. The text (content) is not

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, carrousels...

Via Een tussenstapje



Naar Two-columns



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Reaction and reassessment

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Mobile-first code 3/4

of one-column first code

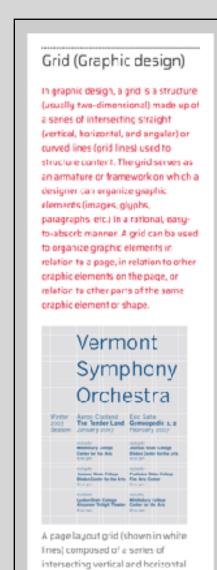
Dan maak je de browser breder tot de site er niet meer uitziet of tot je kansen ziet om de site te verbeteren. Dat is veel experimenteren. Er zijn geen standaard 'breakpoints'. Die zijn afhankelijk van het ontwerp van jouw elementen/componenten.

Vanaf 38em staat de

figcaption hier bijv.

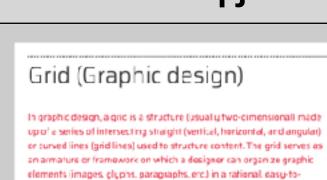
naast de image.

Van One-column



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Via Een tussenstapje



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Naar Two-columns



Grid (Graphic design)

Symphony
Orchestra

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Reaction and reassessment

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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.

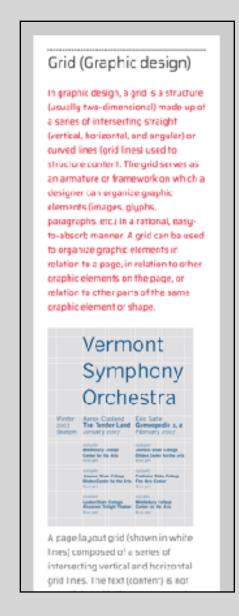
Als het nodig is kun je elementen of de hele layout met **media queries (min-width)** verder aanpassen.

Sample: codepen.io/shooft/pen/OJerMXN

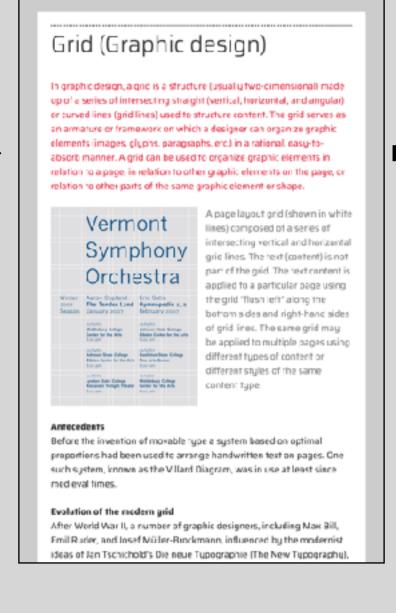
Mobile-first code 4/4

of one-column first code

Van One-column



Via Een tussenstapje



Vanaf 44em wordt de hele

layout hier bijv. aangepast

naar 2 kolommen.

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

Naar Two-columns



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

Grid (Graphic design)

Symphony
Orchestra

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Vermont

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Elementen hoeven <u>niet</u> op hetzelfde moment te veranderen - juist niet zelfs.

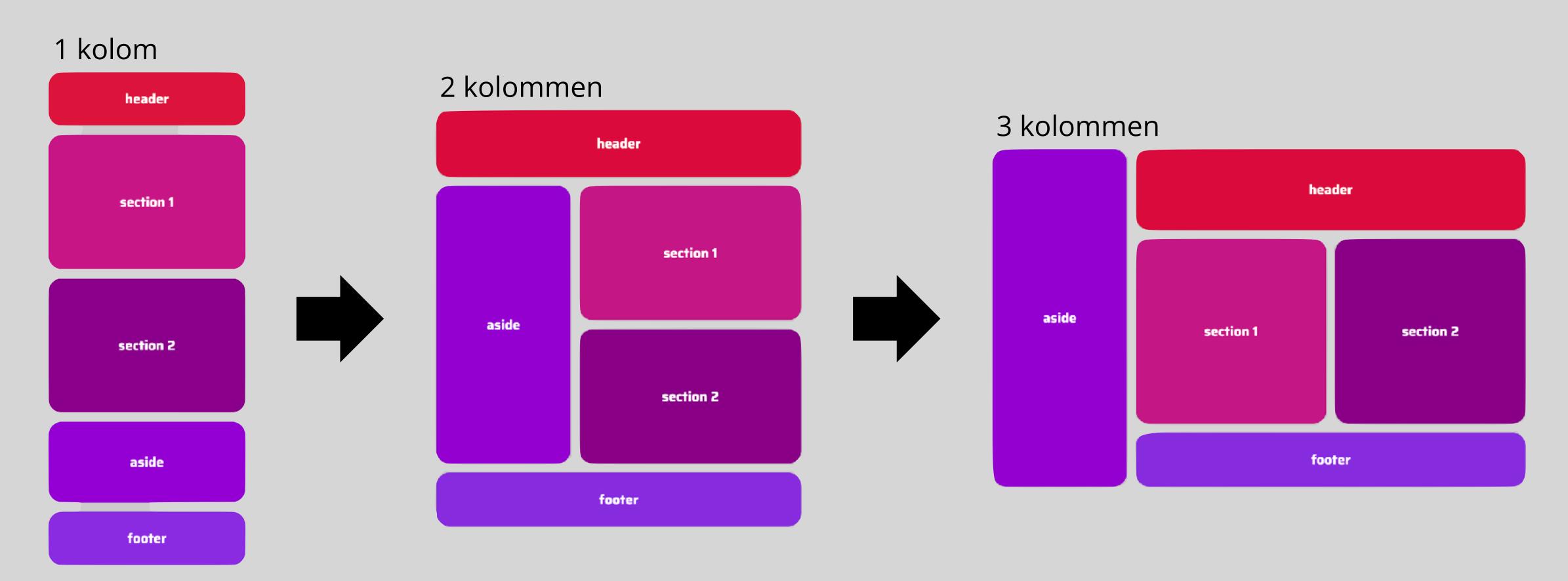
Het is een goed idee om voor **elk element afzonderlijk** te kijken wanneer er een goede reden is om het element aan te passen.

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

Sample: codepen.io/shooft/pen/OJerMXN

Responsive grid demo

Start: codepen.io/shooft/pen/RwzErGN
Uitwerking: codepen.io/shooft/pen/gONZPwP



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.

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De aanroep van de media query

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Pe column-count: 2; column-gap: 2em;

De extra regels die nu ook geldig zijn

De basis-styling van de paragraaf

Color: RebeccaPurple

CSS challenge #1

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