

JONAS HELLWIG / KULTURBANAUSE

INTRINSIC DESIGN & »THE NEW RESPONSIVE«

30.11.2023 @ ARD UX TAG

A portrait of a man with short brown hair and a beard, wearing a dark baseball cap and a dark t-shirt. He is looking directly at the camera with a neutral expression. His right arm is visible, showing a colorful tattoo of a landscape scene.

JONAS HELLWIG

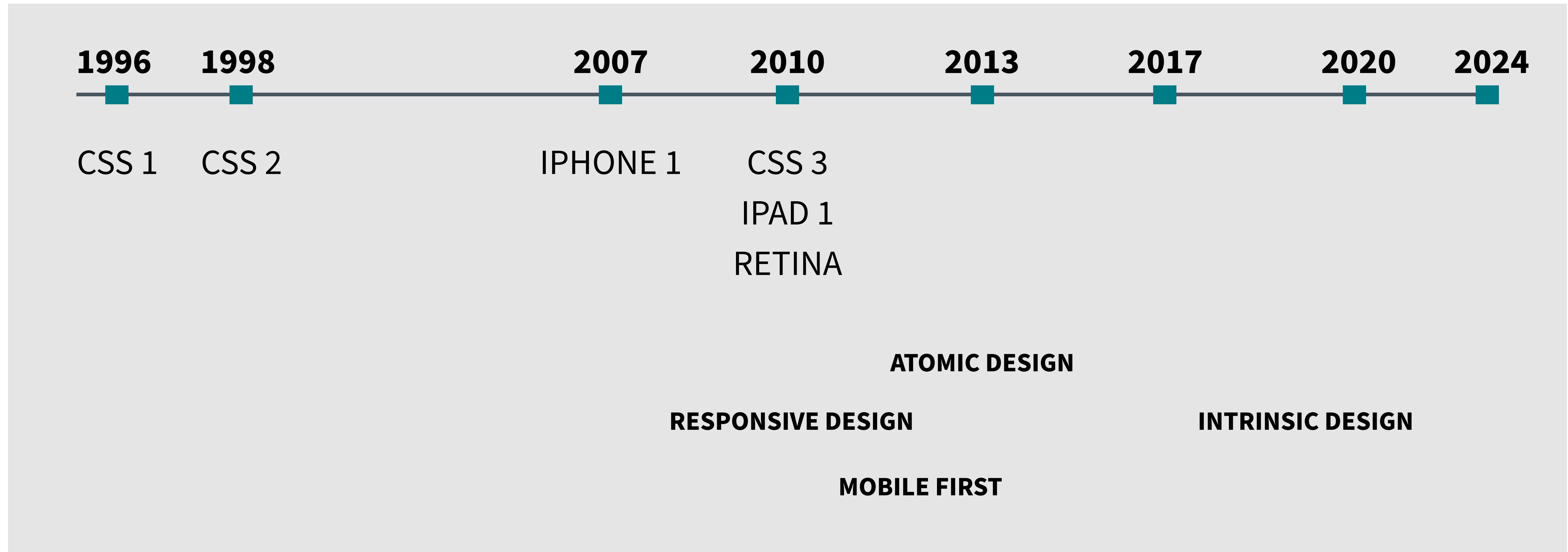
UX/UI FRONTEND DESIGN

KULTURBANAUSE.DE

JONAS.HELLWIG@KULTURBANAUSE.DE

ANFORDERUNGEN HEUTE

- Displaygrößen + Form-Faktoren
- Browser
- Displayqualitäten
- Bedienkonzepte
- Performance-Faktoren
- Systemkonfigurationen



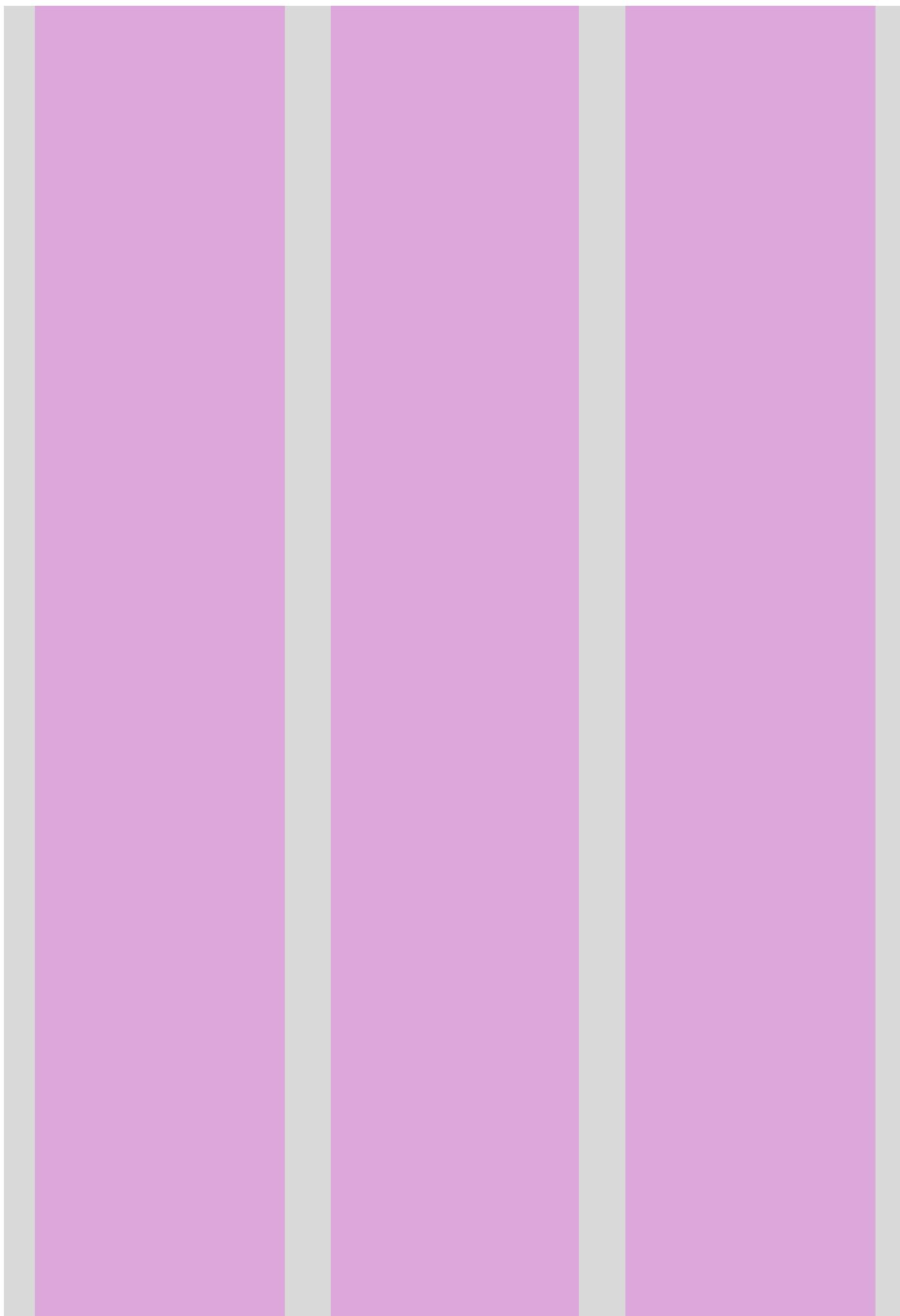
SCREEN BASED ————— CONTENT + COMPONENT BASED

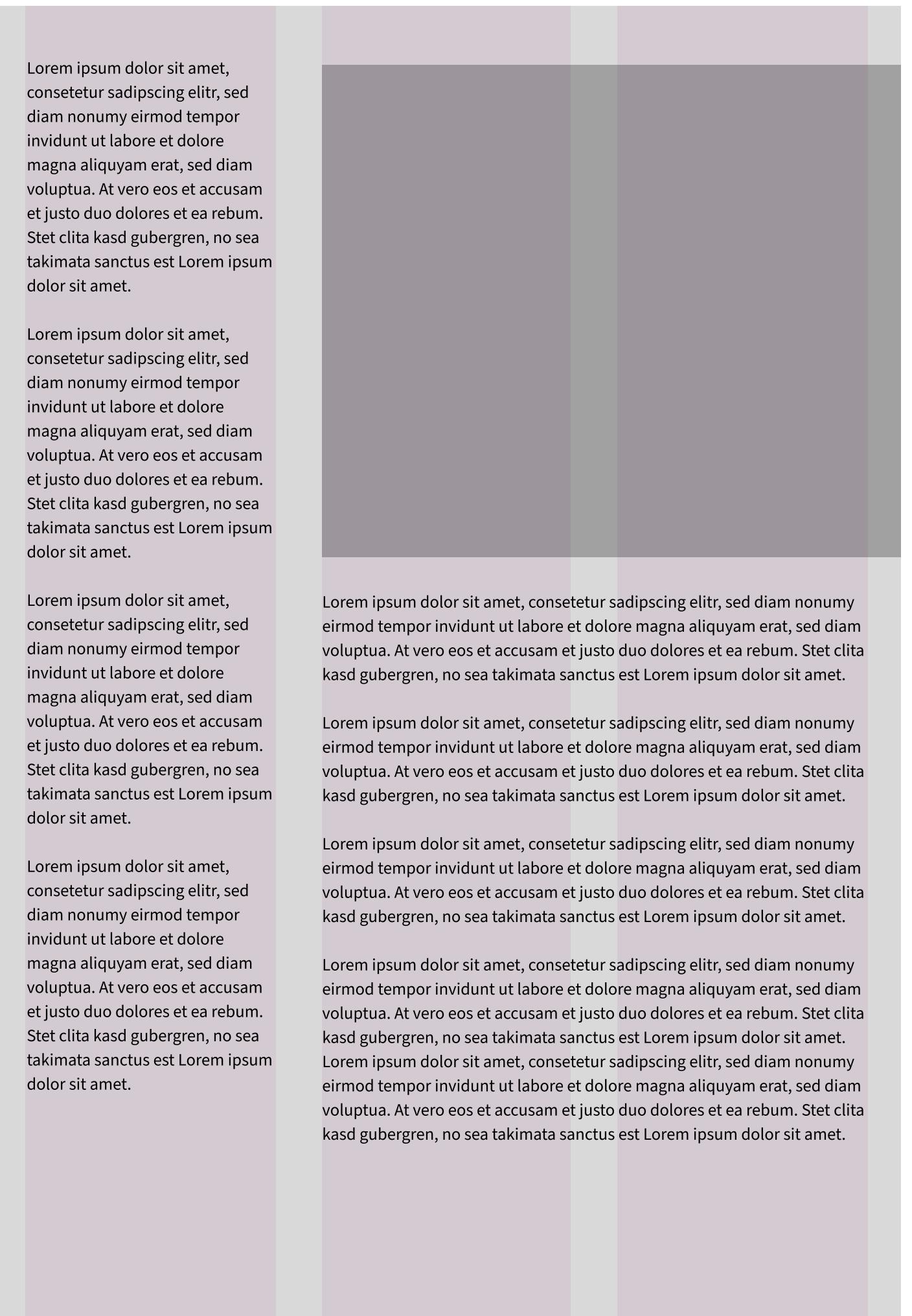
DEVICE FOCUSED ————— USER FOCUSED

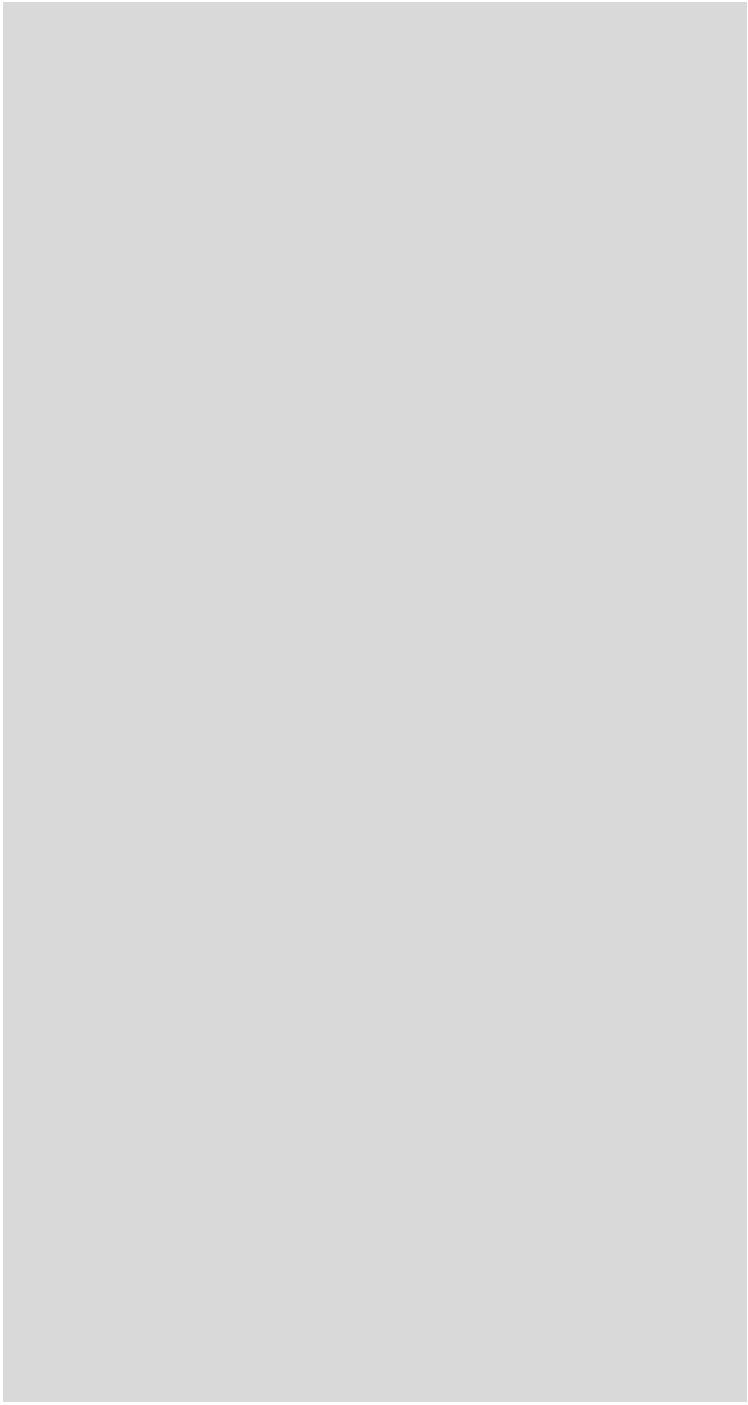
DEVICE BASED

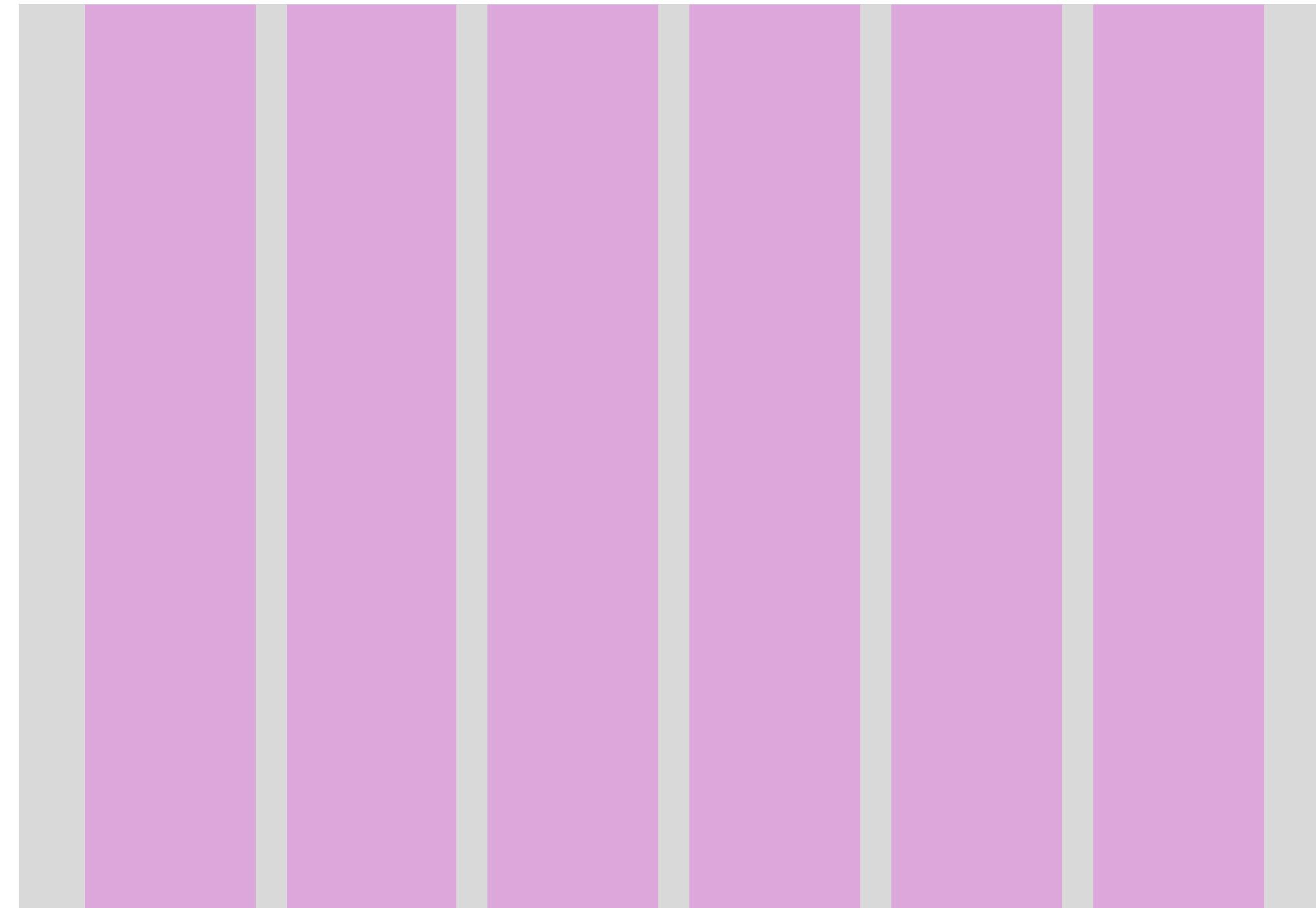
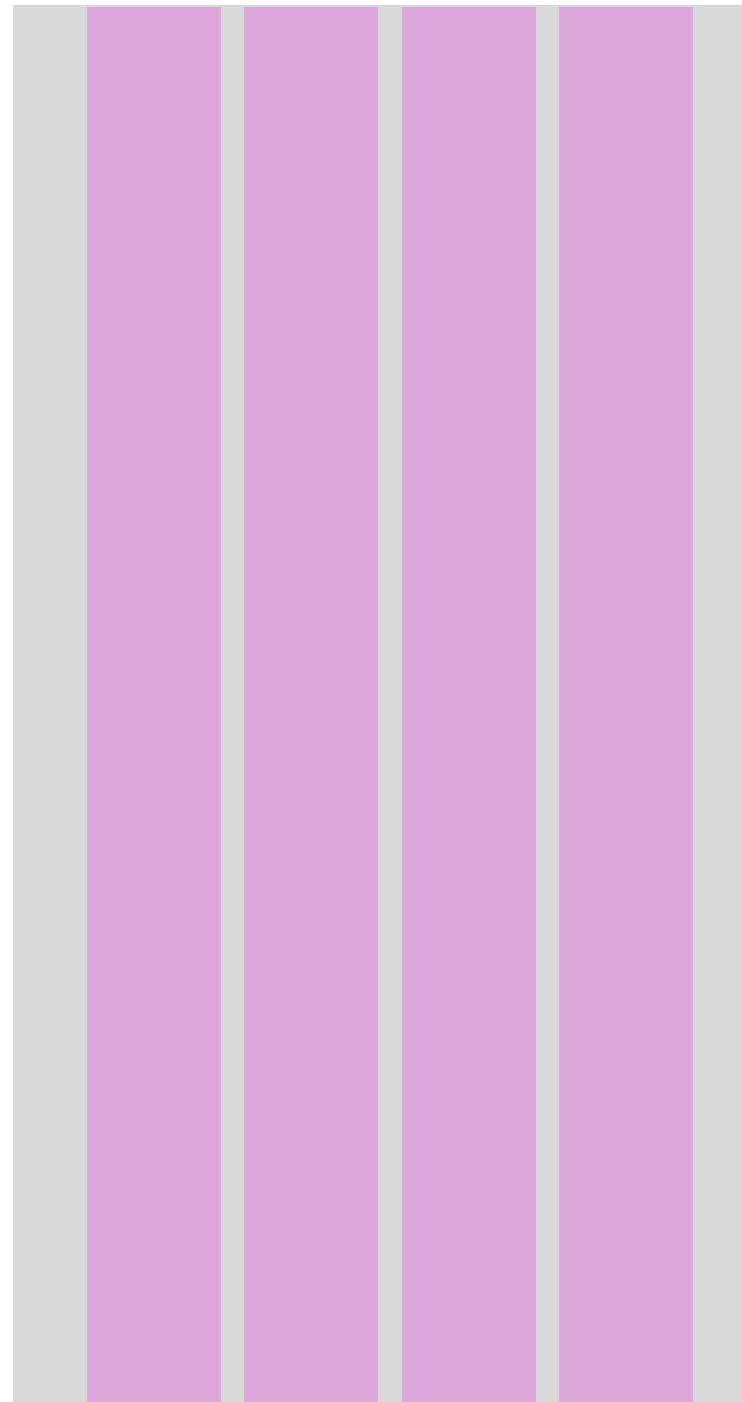
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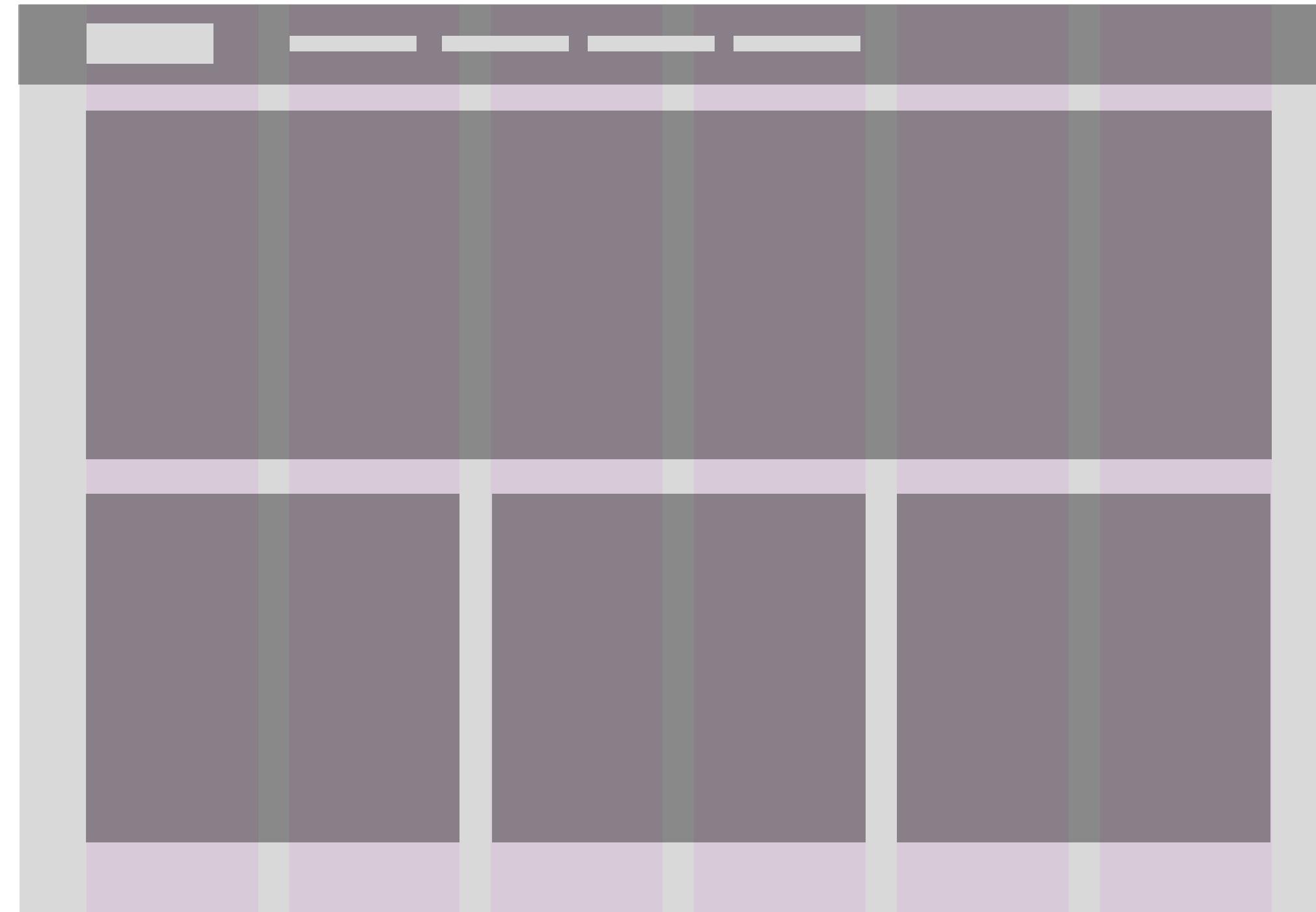
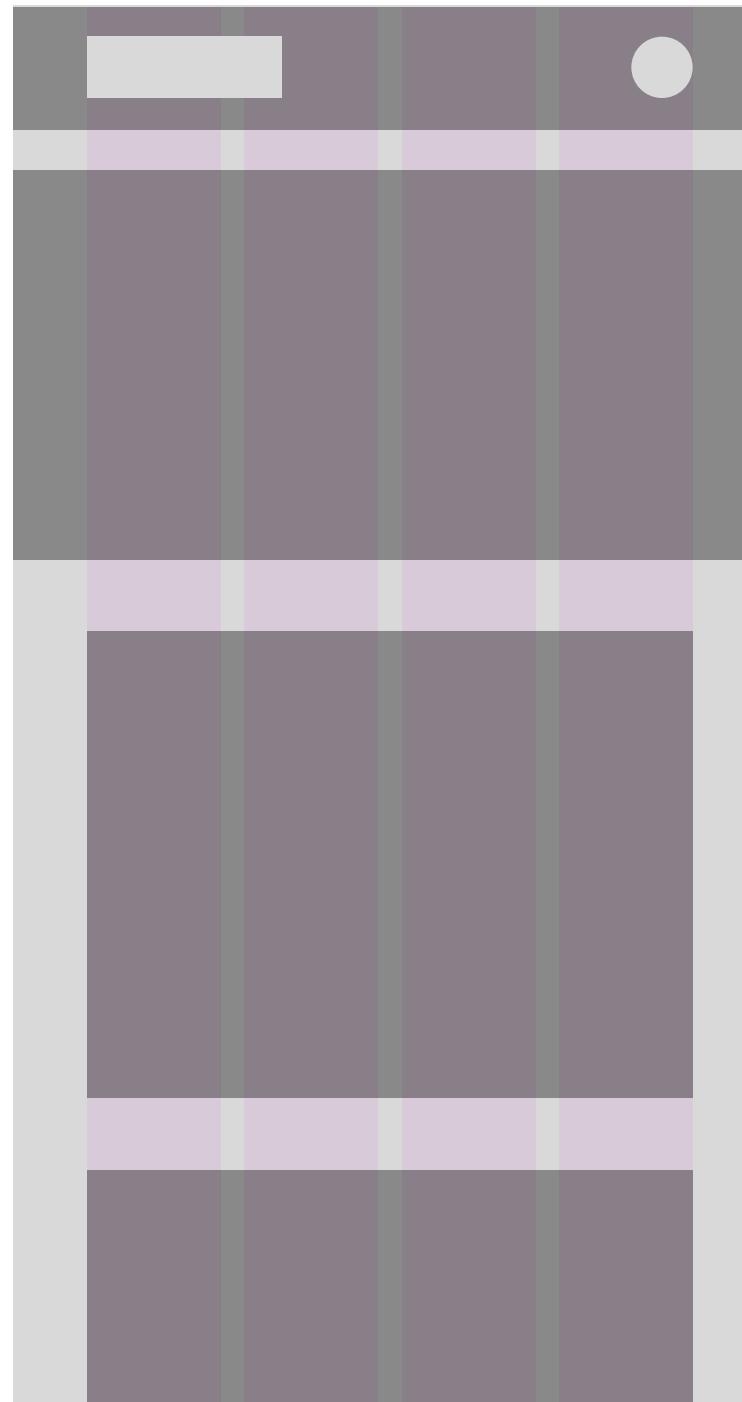




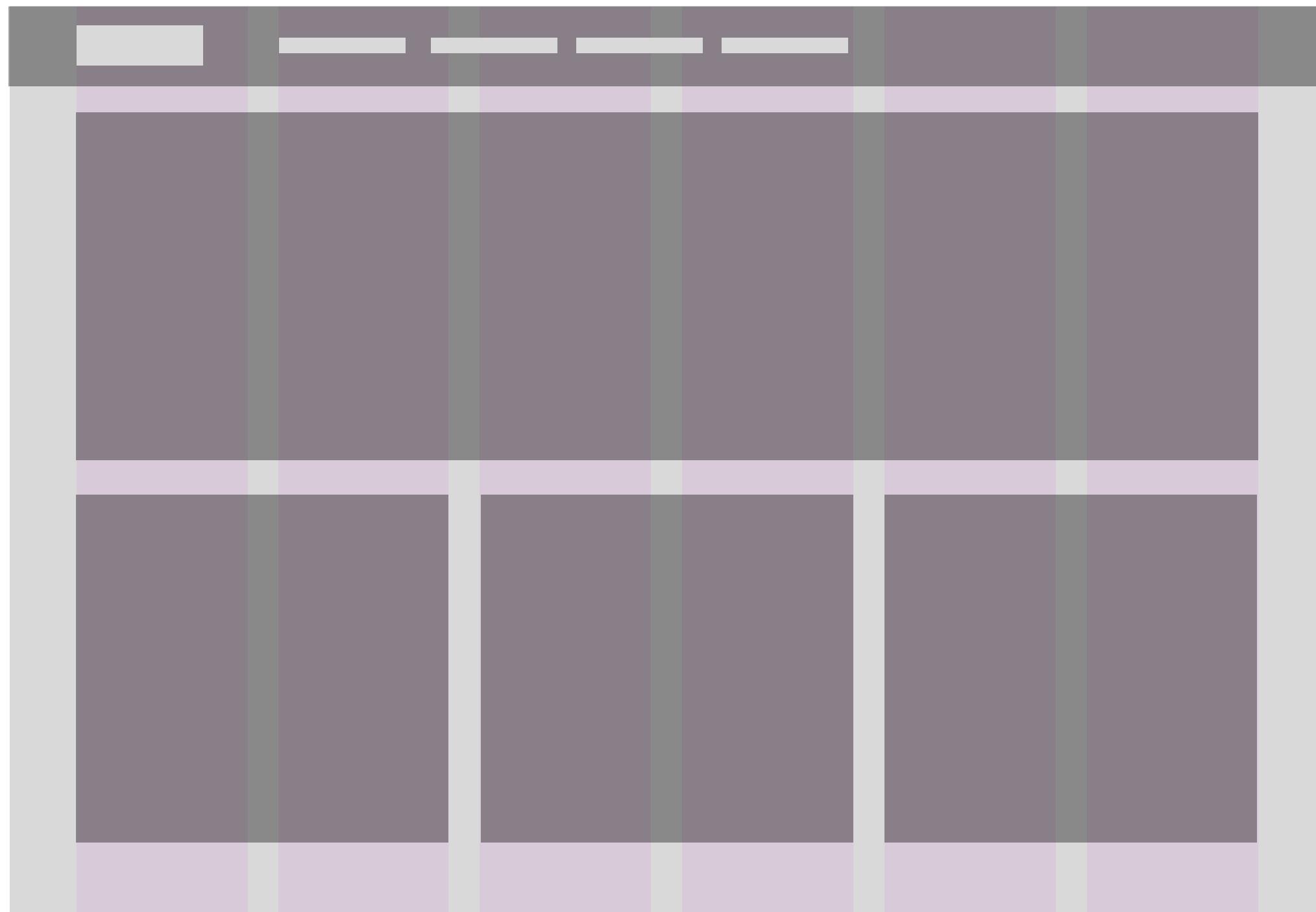
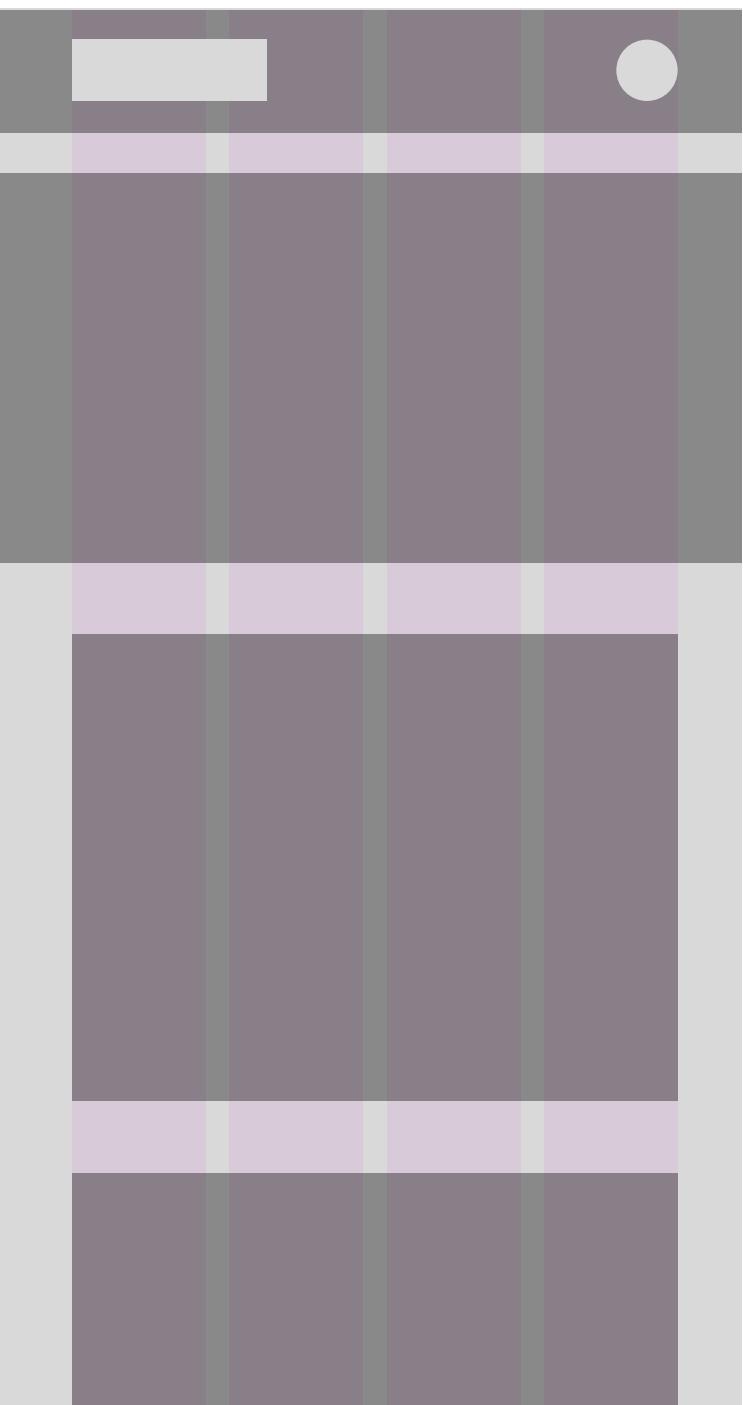
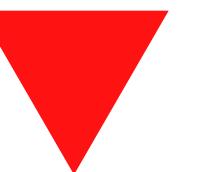








GLOBALER BREAKPOINT



GLOBALE BREAKPOINTS

- Werden vom Format abgeleitet
- Erzeugen Abhängigkeiten
- Sind ein Kompromiss
- Beispiel

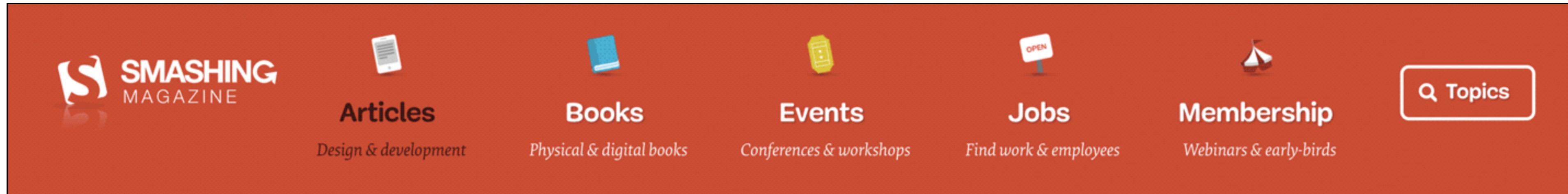
Don't define breakpoints based on device classes. Defining breakpoints based on specific devices, products, brand names, or operating systems that are in use today can result in a maintenance nightmare.

GOOGLE DEVELOPERS

EXTRINSISCHES DESIGN

- Von außen gesteuert
- Inhalte bzw. Design wird untergeordnet
- Häufig globale Breakpoints

CONTENT BASED



The header features a red navigation bar with the Smashing Magazine logo on the left. To the right are five main categories: Articles (with a smartphone icon), Books (with a book icon), Events (with a ticket icon), Jobs (with a sign icon), and Membership (with a sailboat icon). Below each category is a sub-label: Design & development for Articles, Physical & digital books for Books, Conferences & workshops for Events, Find work & employees for Jobs, and Webinars & early-birds for Membership. A search bar labeled "Topics" with a magnifying glass icon is located on the far right.



A portrait of Iris, the author, is displayed in a red-bordered frame. She has long brown hair and is wearing glasses and a colorful scarf.

MARCH 13, 2020 • [Leave a comment](#)

Stay Calm And Read Smashing Magazine

QUICK SUMMARY ↗ It's that time of the month! Join us as we share the latest news and highlight the things we've been working on and have also enjoyed reading over the past month.

It's nice to have an overview of the most important things in one place, but do feel free to follow us on [Twitter](#), [Facebook](#), [LinkedIn](#) and [subscribe to our RSS feed](#) as well as our [bi-weekly newsletter](#). We like helping you stay on top of things and making life at least just a little bit easier!

ABOUT THE AUTHOR

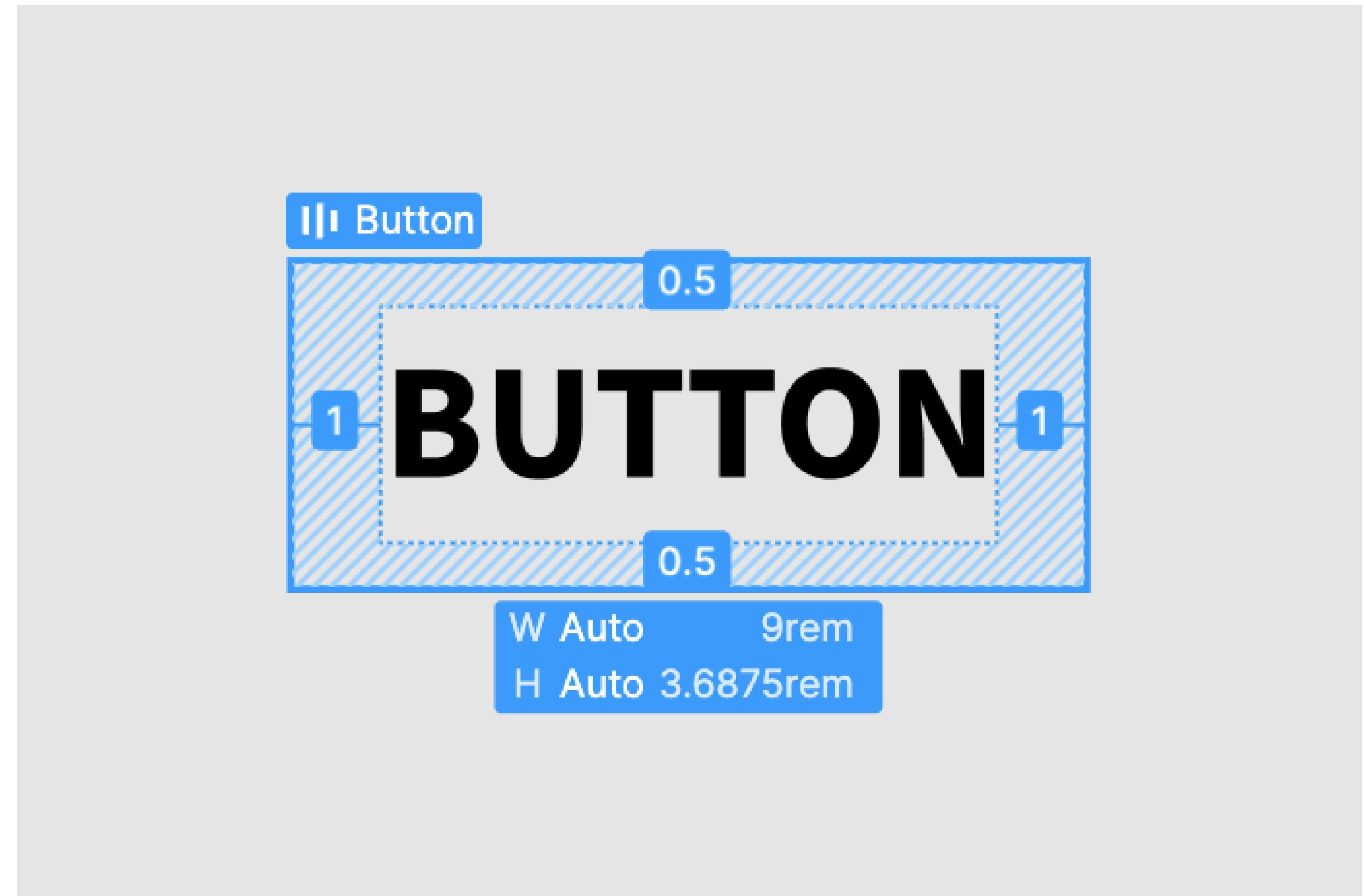
Juggling between three languages on a daily basis, Iris is known for her love of linguistics, arts, web design and typography, as well as her goldmine of ... [More about Iris](#)

...

12 min read

[Smashing Monthly Roundup](#)

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SPACING

- Innenabstände (padding)
- Außenabstände (margin, gap)
- Abgeleitet von Schriftgröße
- 8pt Grid = Standard
- Beispiel

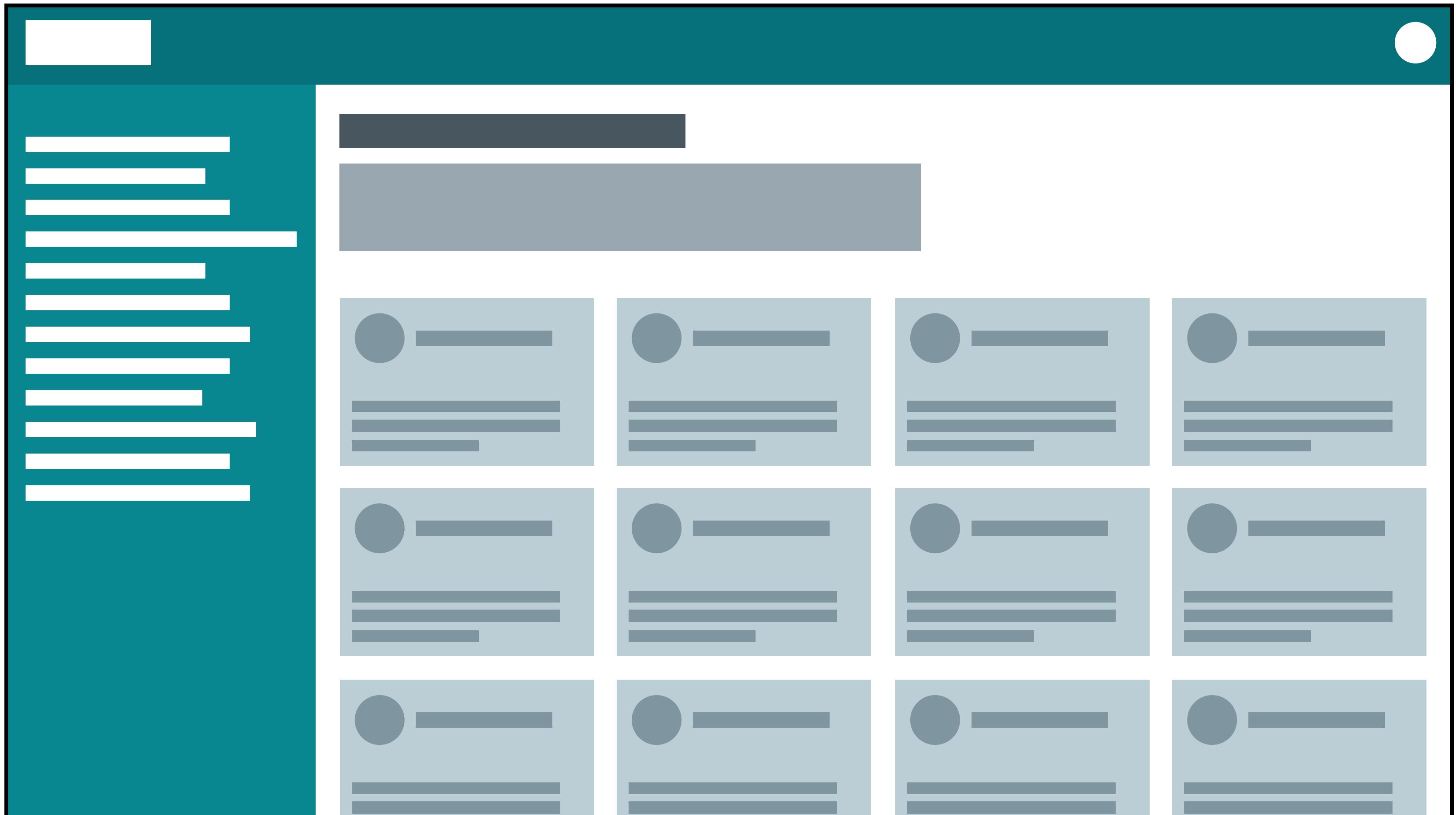
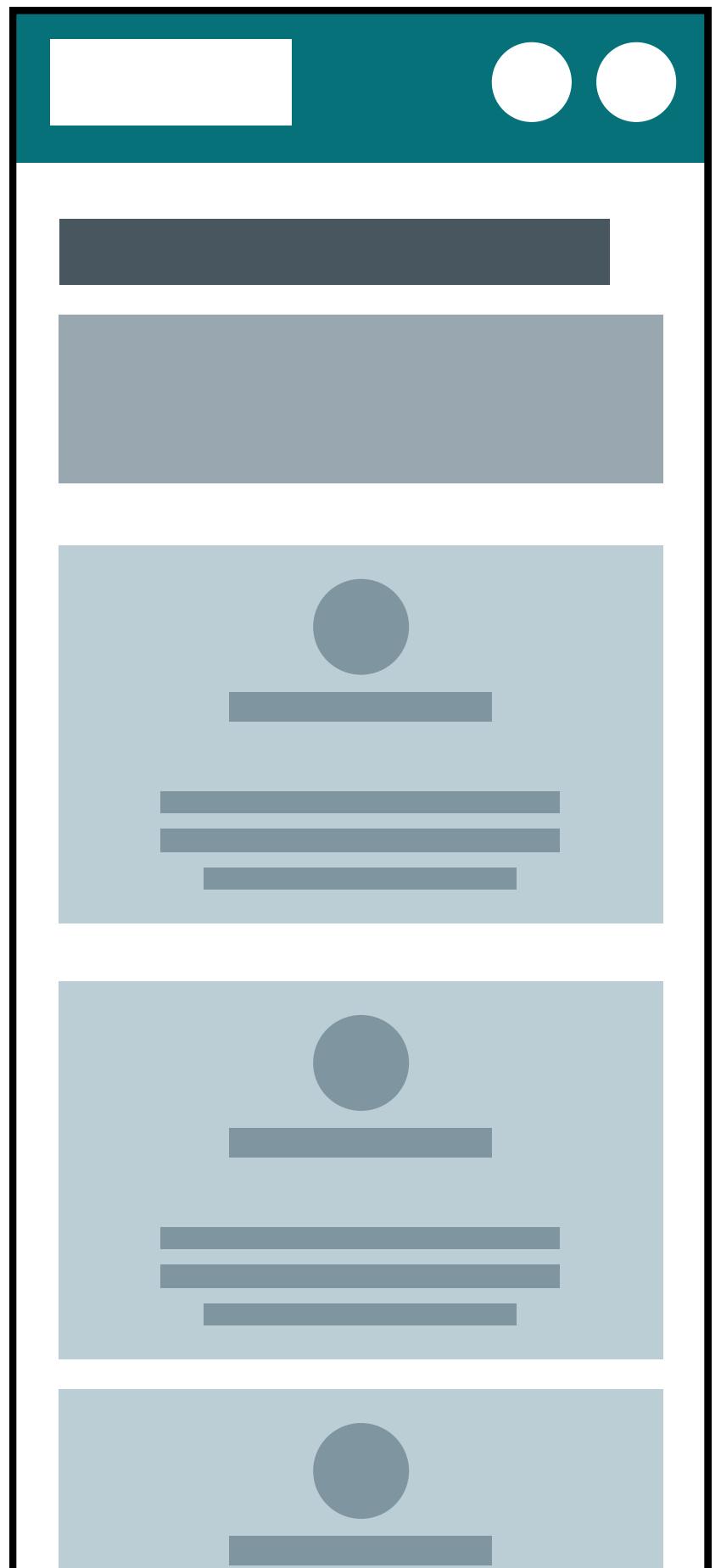
BREAKPOINTS PRO KOMPONENTE

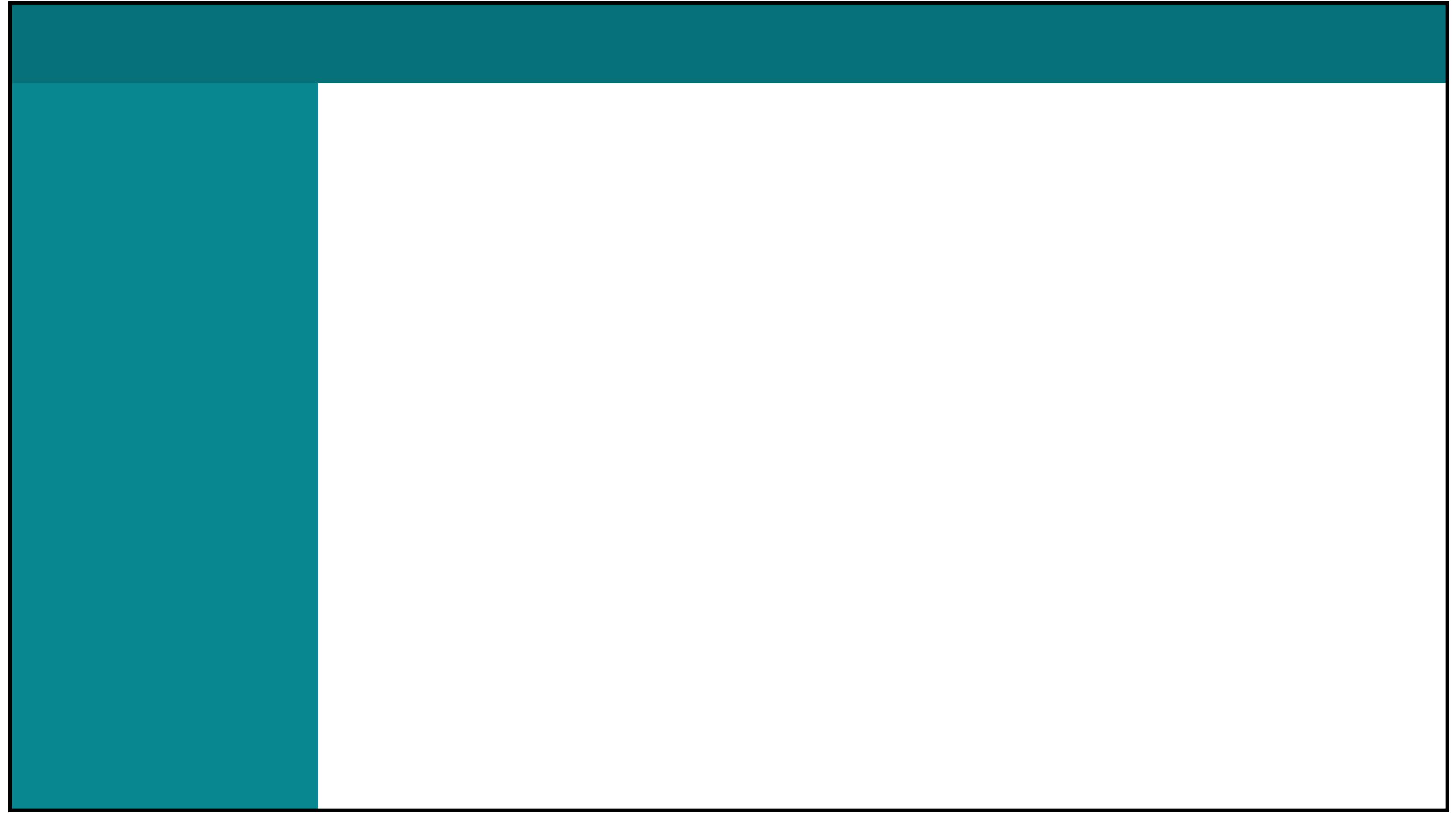
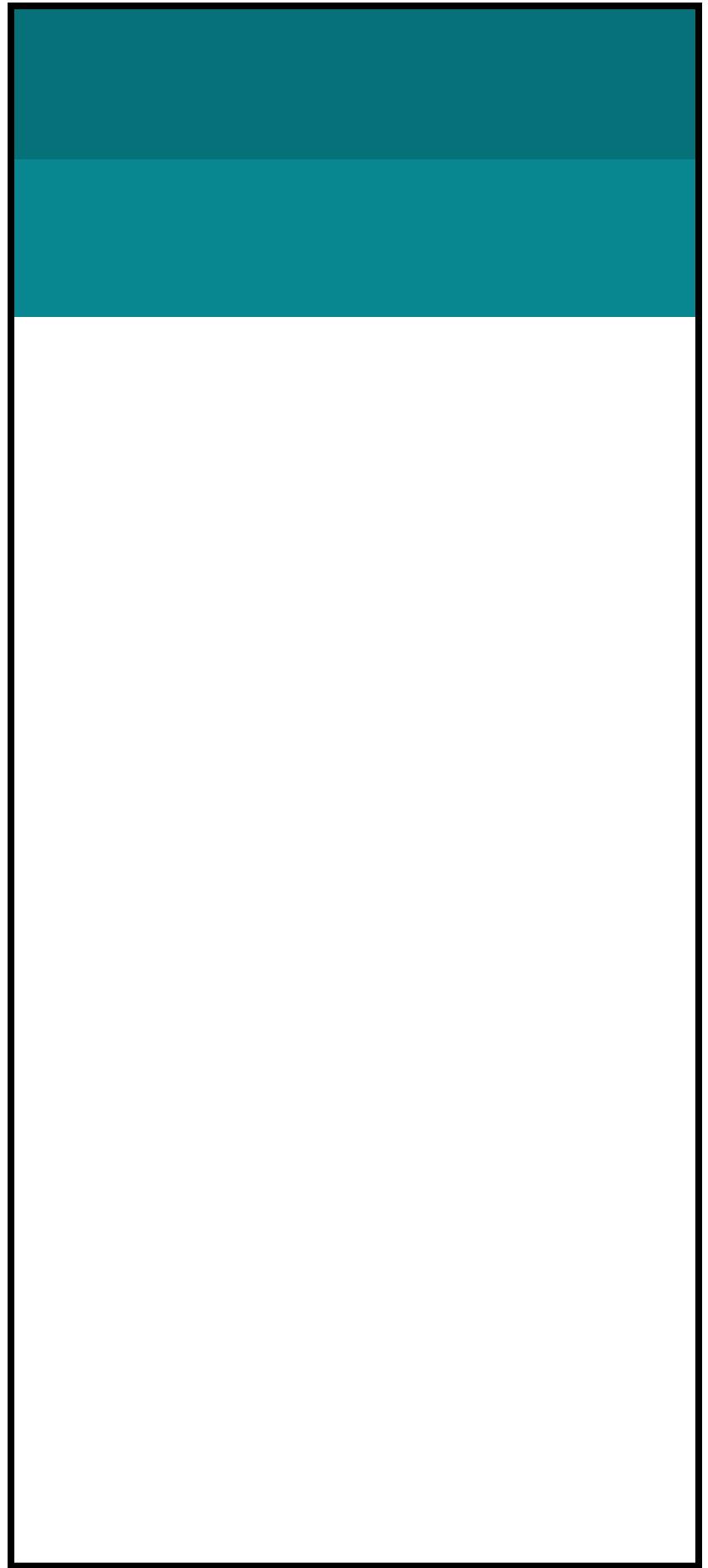
- Werden auf den Inhalt abgestimmt
- Gekapselt in Komponente
- Sorgen für sehr detailliertes RWD
- Werden händisch gesetzt
- Beispiel

MIKRO + MAKROLAYOUT

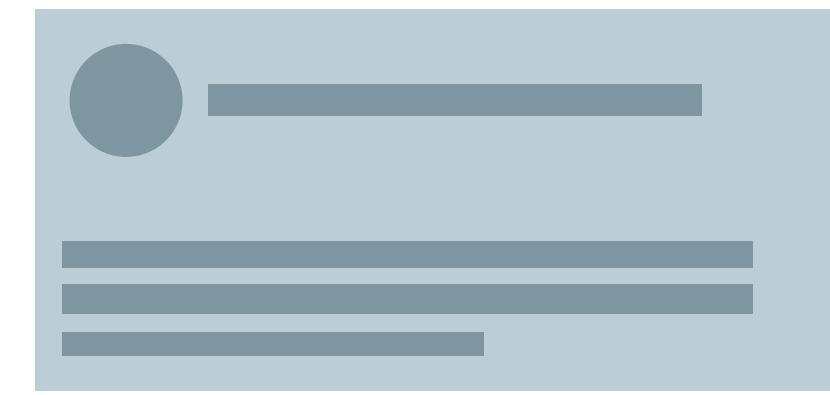
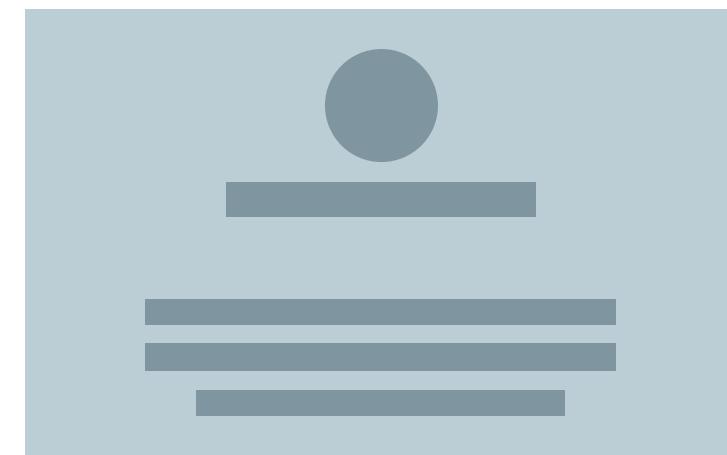
DREI TECHNIKEN IN KOMBINATION

- Makrolayouts (@media)
- Mikrolayouts (@container)
- Font-Scaling





Live Demo



Live Demo

Live Demo im Layout

INTRINSIC DESIGN

WENIGER KONTROLLE

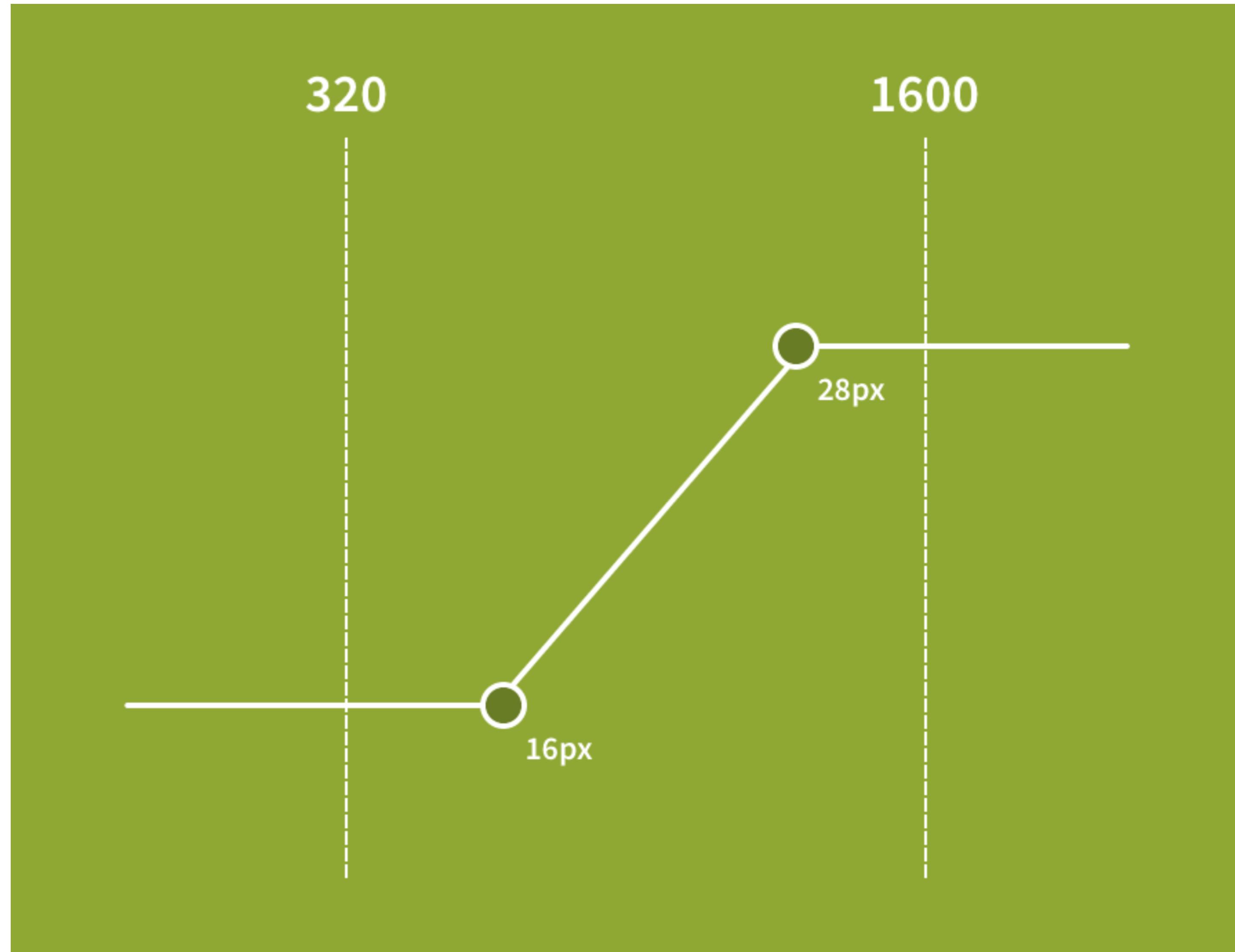
- Die Inhalte bestimmen das Layout mit
- Es wird nicht alles definiert
- Von innen heraus = intrinsisch

INTRINSISCHE TECHNIKEN

- Inhaltsbasierte Breakpoints
- Intrinsische Grids
- Min-Content / Max-Content
- Existenz von Inhalten abfragen

TEXT & TYPOGRAFIE

- <wbr> + ­
- Zeilenlängen
- Text Wrap



TEXT & TYPOGRAFIE

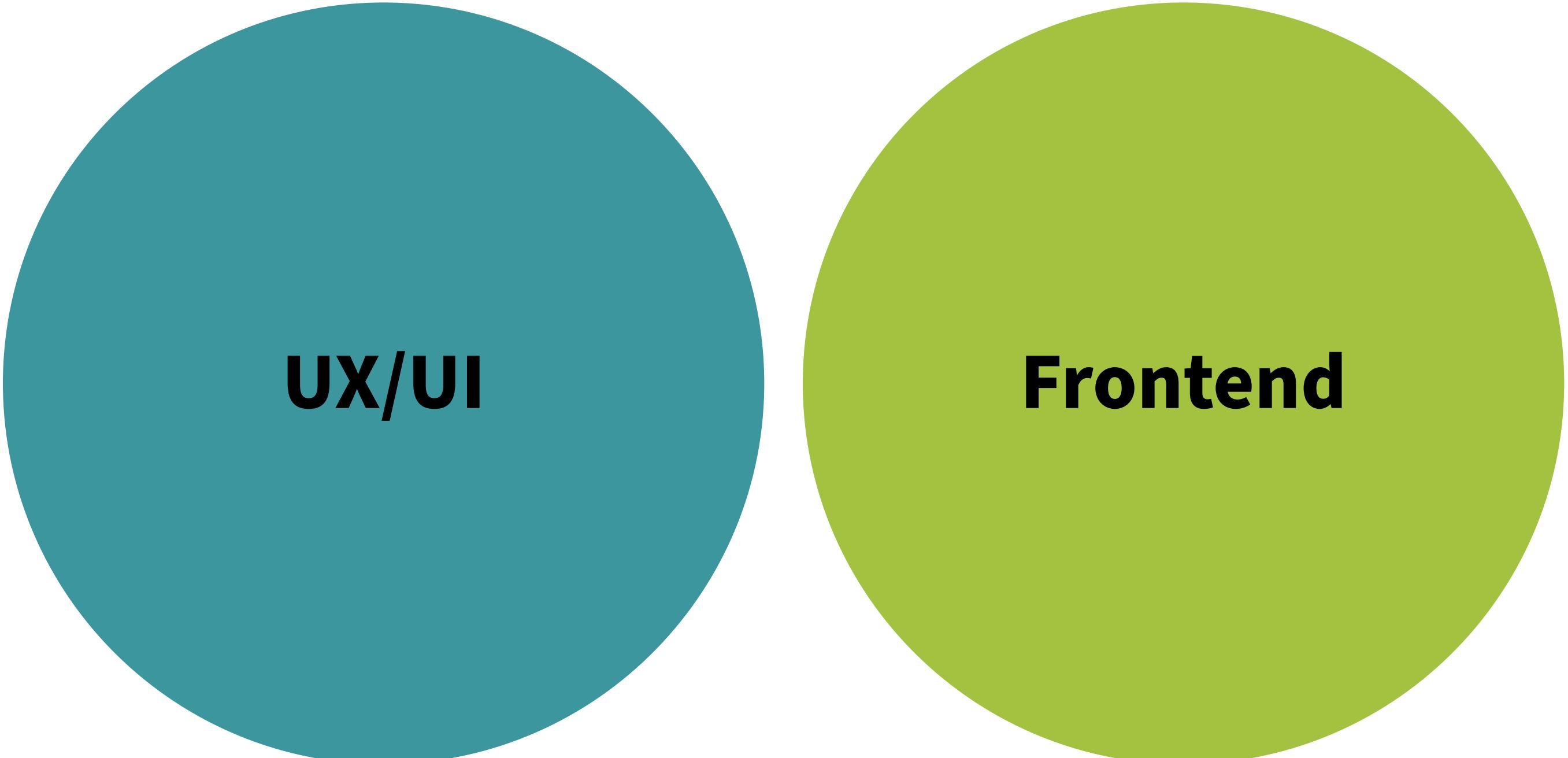
- Globales Font Scaling
- Font-Scaling pro Komponente

PREFERENCES

EINSTELLUNGEN RESPEKTIEREN

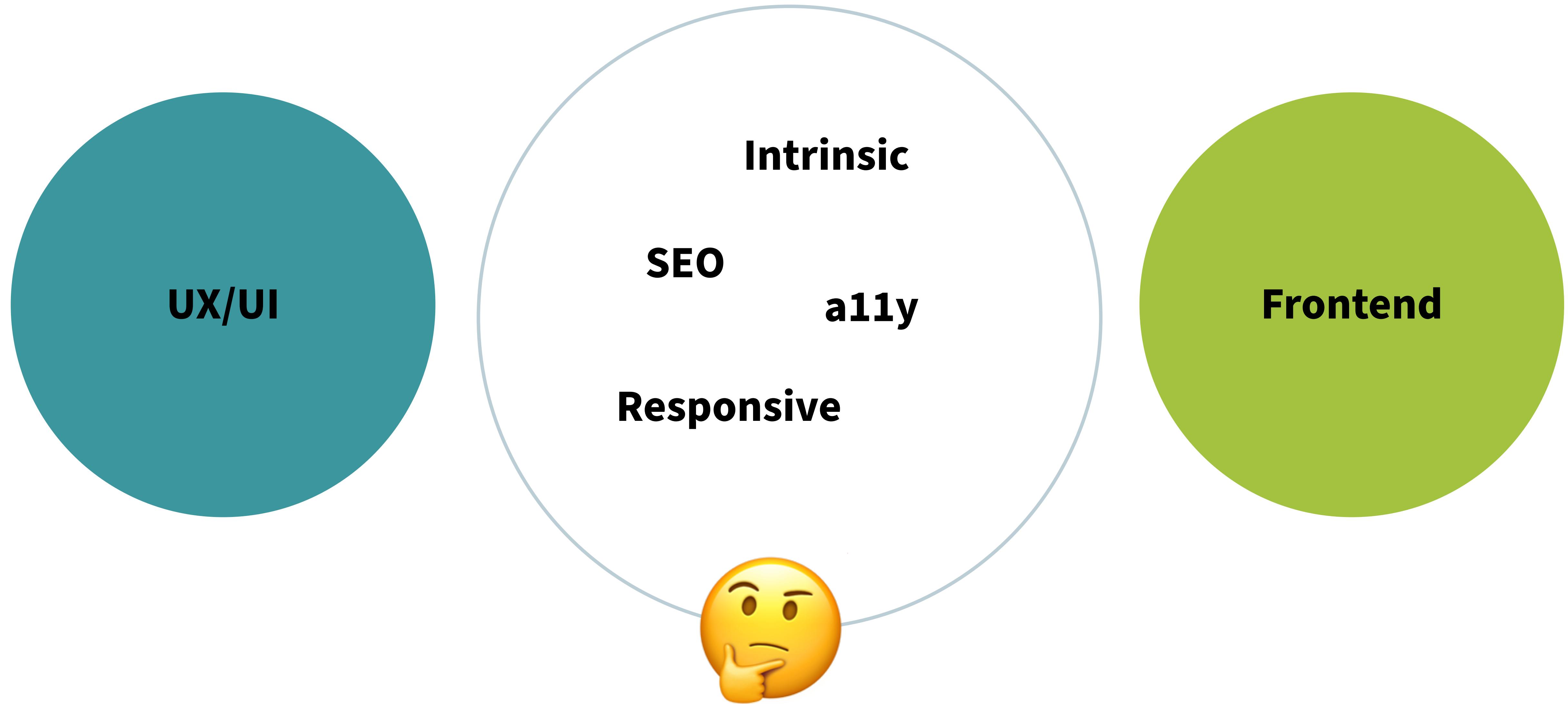
- Reduced Motion
- Reduced Transparency
- Energiesparmodus
- Dark Mode
- ...

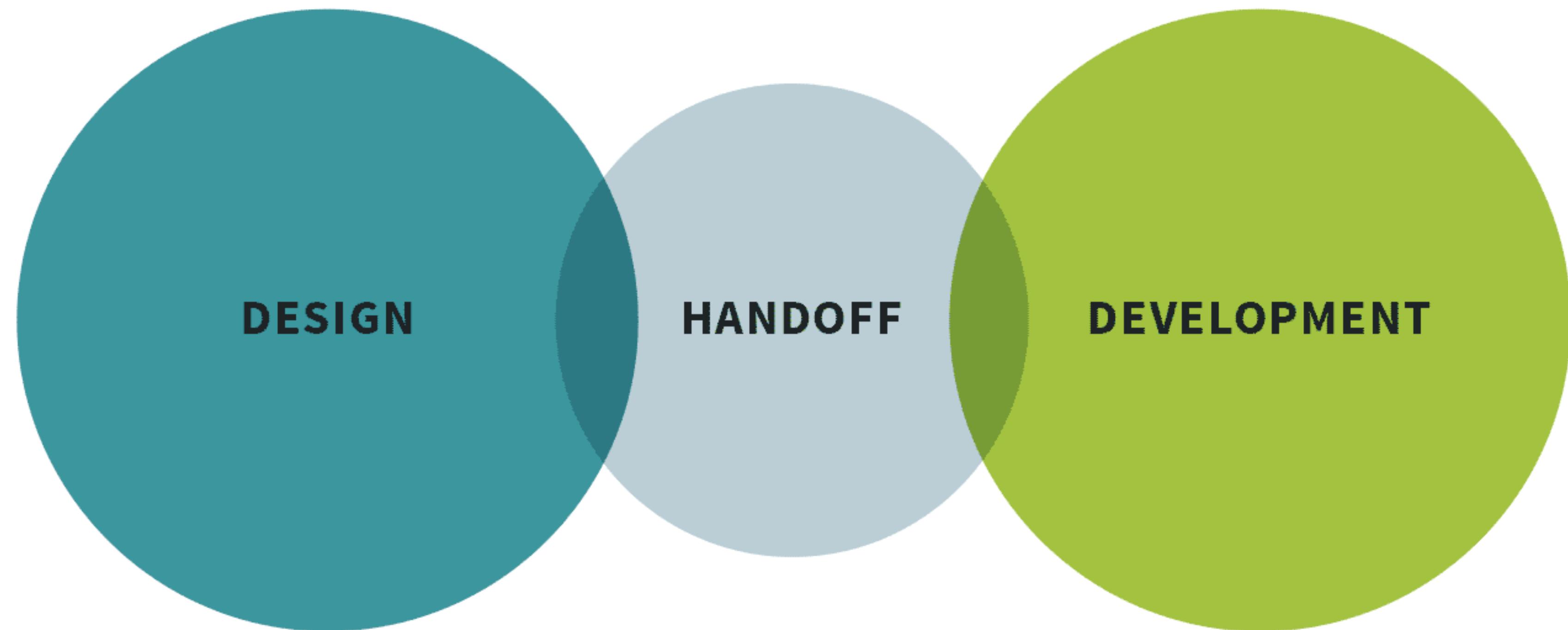
WESSEN JOB IST ES?



UX/UI

Frontend





DESIGN

DEVELOPMENT



WAS HEISST DAS FÜR HEUTE?

- Design + Code müssen wirklich(!) zusammenarbeiten
- ... oder es braucht hybride Jobs

vielen Dank!