

Guia **Frontend** ~~responsive~~

**CSS  
IS  
AWESOME**

# Por quê é importante?

- O frontend é quem entrega o valor final do produto.
- O lado do cliente é o que permite às pessoas terem acesso à mesma aplicação independente de dispositivo, navegador e demais diferenças.

# E por quê não é fácil?

- Multi Navegadores
- Multiplataformas
- Acessibilidade
- Responsividade
- UX
- Performance

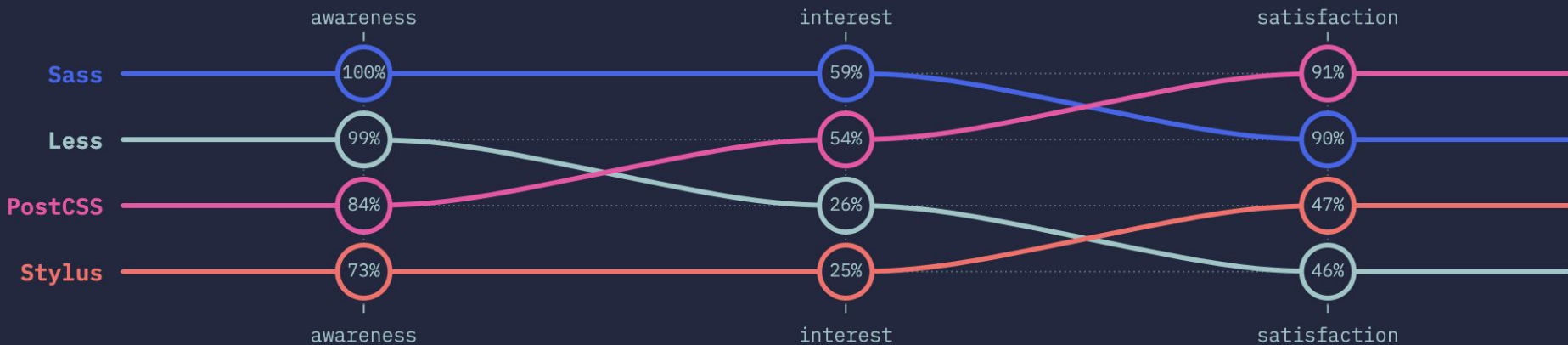
Algumas ferramentas que podem ser úteis

# Multi navegadores

- <https://caniuse.com/>
- Qualquer biblioteca CSS que te ajude no processo

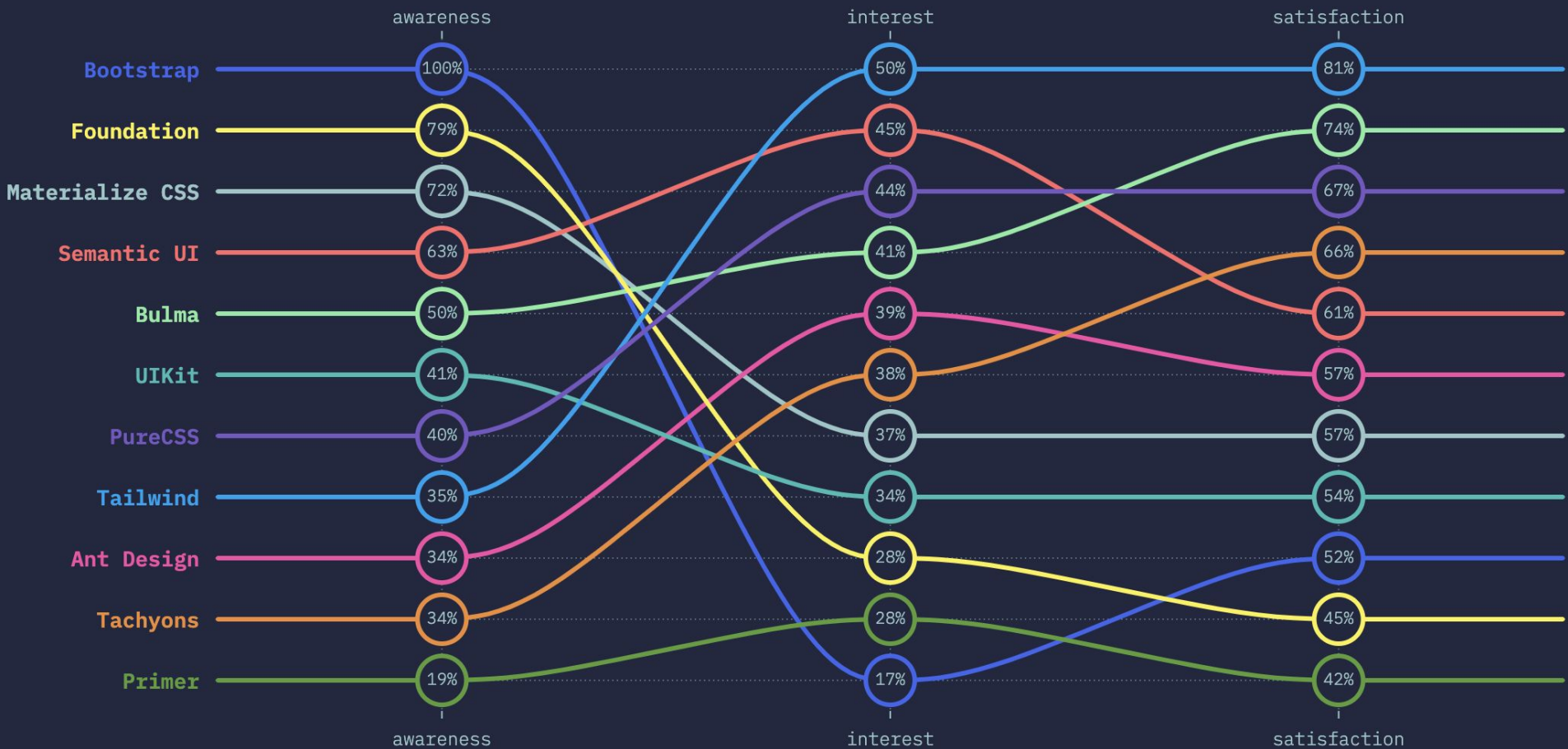
# O estado do css em 2019

# Pré-processadores

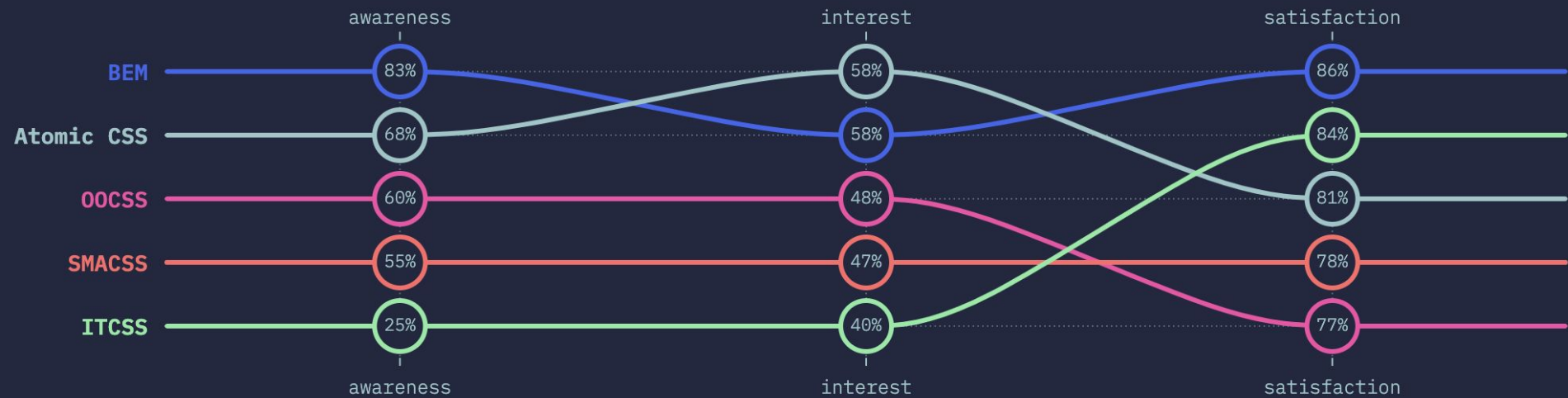




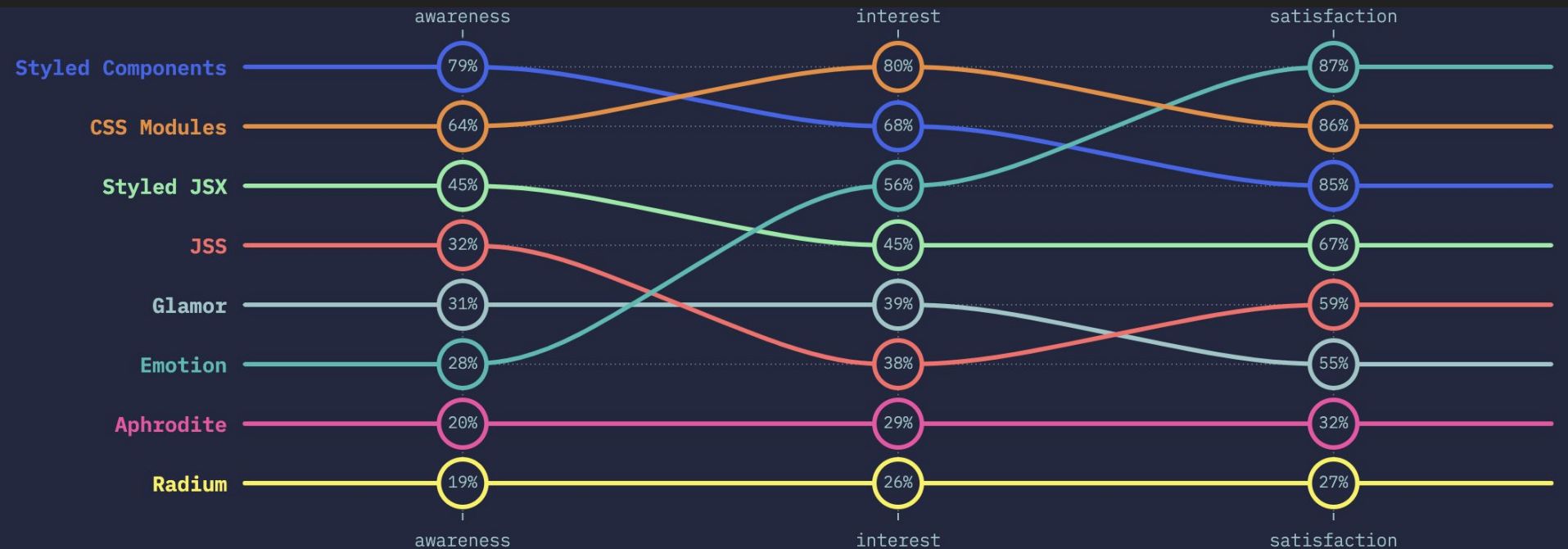
# Frameworks



# Metodologias



# CSS-IN-JS



# Multi navegadores

- <https://www.browserstack.com/>
- PC do amiguinho.

# Acessibilidade

- <https://chrome.google.com/webstore/detail/lighthouse/blipmdconlkpinefehnmjammfjpmpbjk?hl=pt-BR>
- Estudar sobre como as propriedades do html podem ajudar com acessibilidade: aria-label, alt, tabindex, title, data-message
- Ter empatia



# Performance

- <https://chrome.google.com/webstore/detail/lighthouse/blipmdconlkpinefehnmjammfjpmpbjk?hl=pt-BR>
- <https://bundlephobia.com/>
- Babel, webpack, rollup e afins.
- Developer tools

# UX

- Converse mais com as pessoas que vão usar as tuas aplicações, se coloque no lugar do usuário.
- Estude mais design e produto. Pode ser bem divertido.



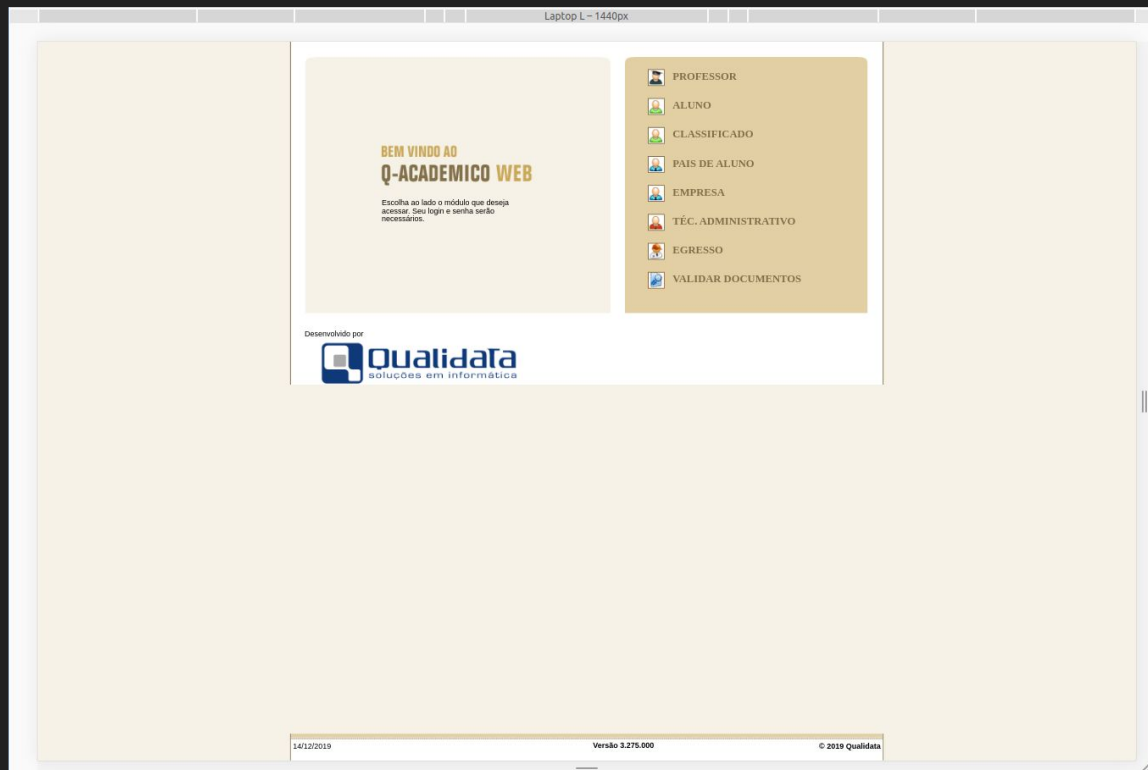
Agora o responsivo!



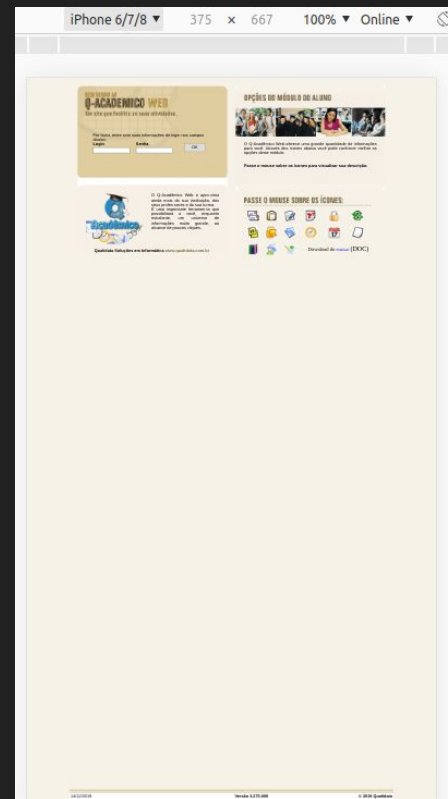
Just because it “fits” on your phone, doesn’t  
actually make it “responsive.”

# A aplicação homem-formiga

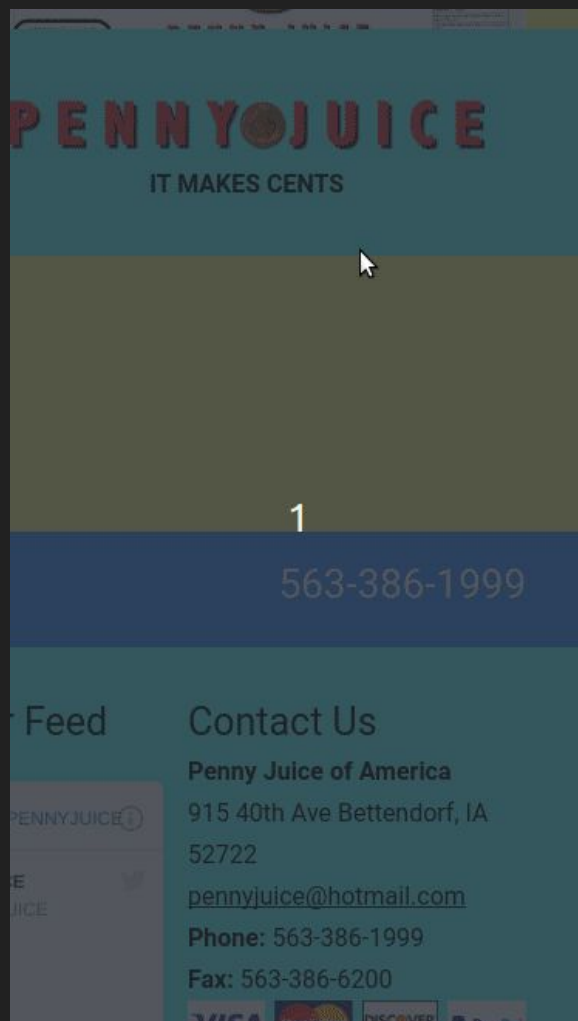
## DESKTOP



## MOBILE



## A aplicação indecisa



## O site infinito

"I'll go to bed right  
after this page"



FREE 2-Day Shipping Upgrades (\$19.95 Value) On All Orders Placed Today!



HOME BEDS ACCESSORIES REVIEWS MORE 

**Because Big Dogs  
Need More Than Just  
a Normal Dog Bed**

**BUY NOW**

The Big Barker is the world's first therapeutic mattress for dogs over 50 pounds. Uniquely engineered to keep dogs youthful for longer and bring older dogs back to their best.

amazon  
★★★★★  
5,704

Google  
★★★★★  
5,232

facebook  
★★★★★  
279,853

**Superior Foam =**  
**Superior Support**

 Message Us

 **BUY NOW**

Sizes

# Sizes

- vw (view width)

# Sizes

- vw (view width)
- vh (view height)



# Sizes

- vw (view width)
- vh (view height)
- px

# Sizes

- vw (view width)
- vh (view height)
- px
- pt

# Sizes

- vw (view width)
- vh (view height)
- px
- pt
- %

# Sizes

- vw (view width)
- vh (view height)
- px
- pt
- %
- em

# Sizes

- vw (view width)
- vh (view height)
- px
- pt
- %
- em
- rem

# Media Queries & Breakpoints



```
@media (max-width: 483px) {...}  
@media (max-width: 1074px) {...}  
@media (max-width: 2000px) {...}
```



- Não use max-width





- Não use max-width
- Padrão entre queries



- Não use max-width
- Padrão entre queries
- Mobile First



```
@media (max-width: 483px) {...}  
@media (max-width: 1074px) {...}  
@media (max-width: 2000px) {...}
```



```
/* Mobile-landscape (and larger) */  
@media (min-width: 480px) {...}  
/* Tablet-portrait (and larger) */  
@media (min-width: 768px) {...}  
/* Tablet-landscape (and larger) */  
@media (min-width: 992px) {...}  
/* Laptops (and larger) */  
@media (min-width: 1200px) {...}
```

Fontes

# Links

- <https://2019.stateofcss.com/>

Obrigado pela atenção!