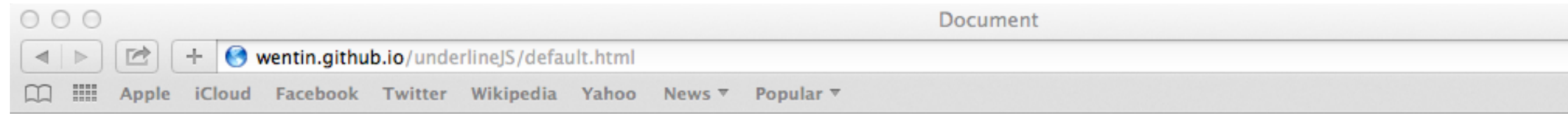


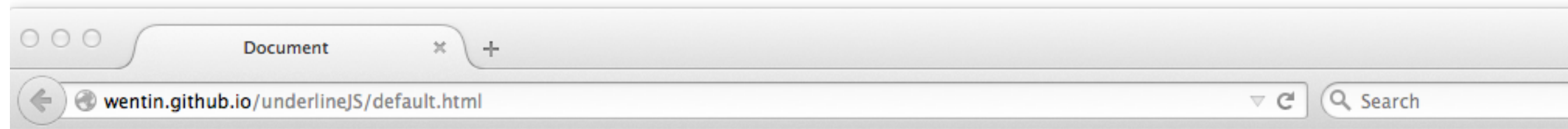
*underline.js*

Wenting Zhang  
@DesignJokes

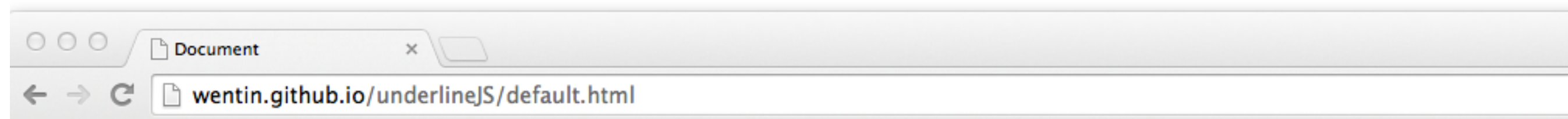
*.js*



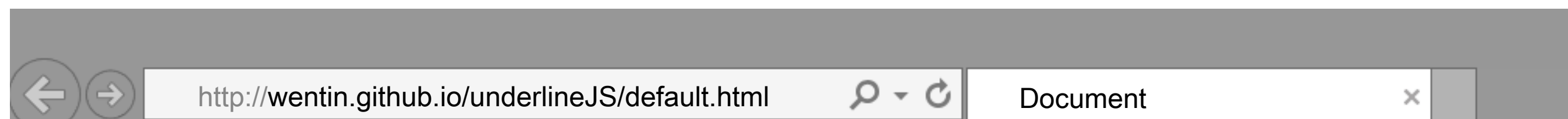
 **Safari**



 **Firefox**



 **Chrome**



 **IE 11**

I am a perfectly fine text underline

`text-decoration: underline`



Quidā eius libros nō ipsius esse sed Dionysii & Zophiri colophoniorū tradunt: qui iocādi causa cōscribentes ei ut disponere idoneo dederunt. Fuerunt autē Menippi sex. Prīus qui de lydis scripsit: Xanthūq; breuiauit. Secūdus hic ipse. Tertius stratonicus sophista. Quartus sculptor. Quintus & sextus pictores: utroq; memorat apollodorus. Cynici autem uolumina tredecī sunt. Neniæ: testamenta: epistolæ cōpositæ ex deorum p̄sona ad phisicos & mathematicos grāmaticosq; & epicuri foetus: & eas quæ ab ipsis religiose coluntur imagines: & alia.

*An early sample of one of **first Roman typefaces**,  
designed by Nicholas Jenson, published in **1475**.*



*ff fi*

---

ligature

kern

---

kerning

?

---

underline

**D**ECORATIVE initials  
used as drop capitals  
should be positioned  
on a text baseline and  
be sized so that the top of the capital  
letter aligns with the cap height on  
the first line of text.

**W**hether I shall turn out to be the hero of my own  
life, or whether that station will be held by anybody  
else, these pages must show. To begin my life with  
the beginning of my life, I record that I was born (as I  
have been informed and believe) on a Friday, at twelve  
o'clock at night. It was remarked that the clock began to strike, and I began  
to cry, simultaneously.

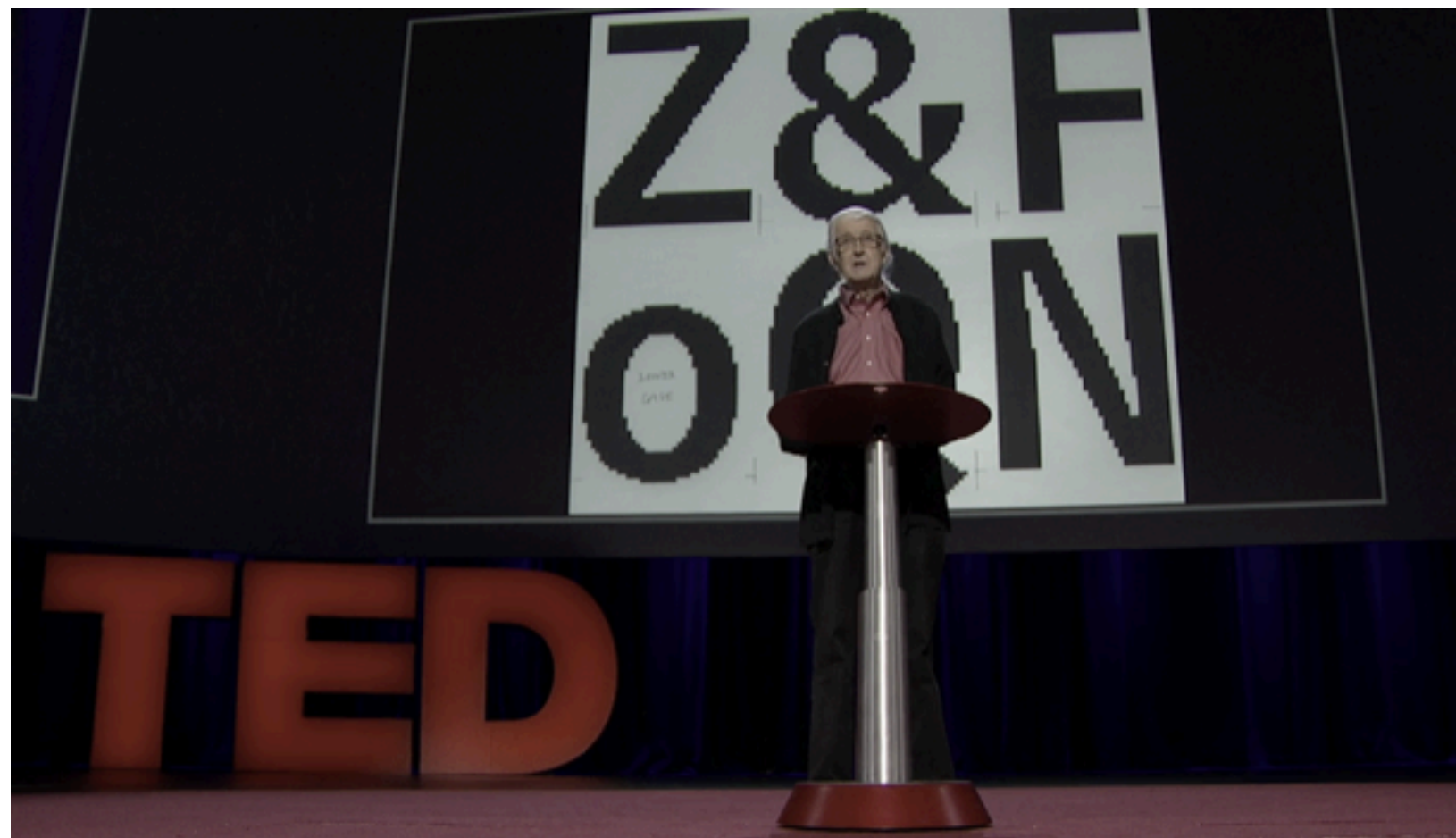
---

drop cap



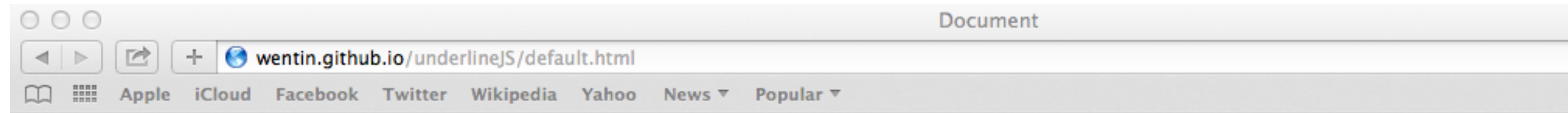
---

type setting

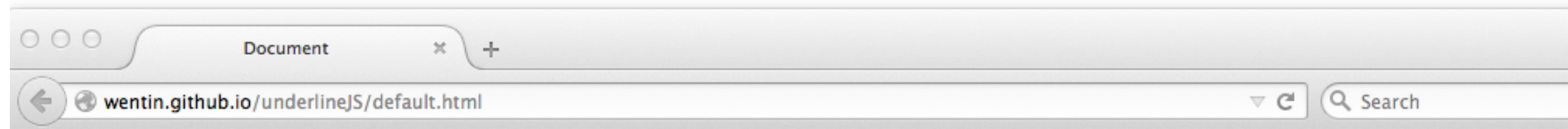


Type designer Matthew Carter showed us what the *earliest digital type* looked like

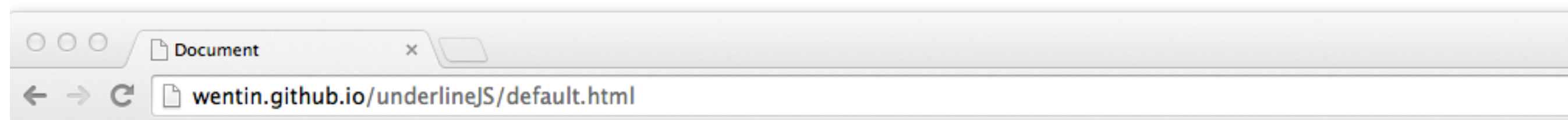




 **Safari**



 **Firefox**

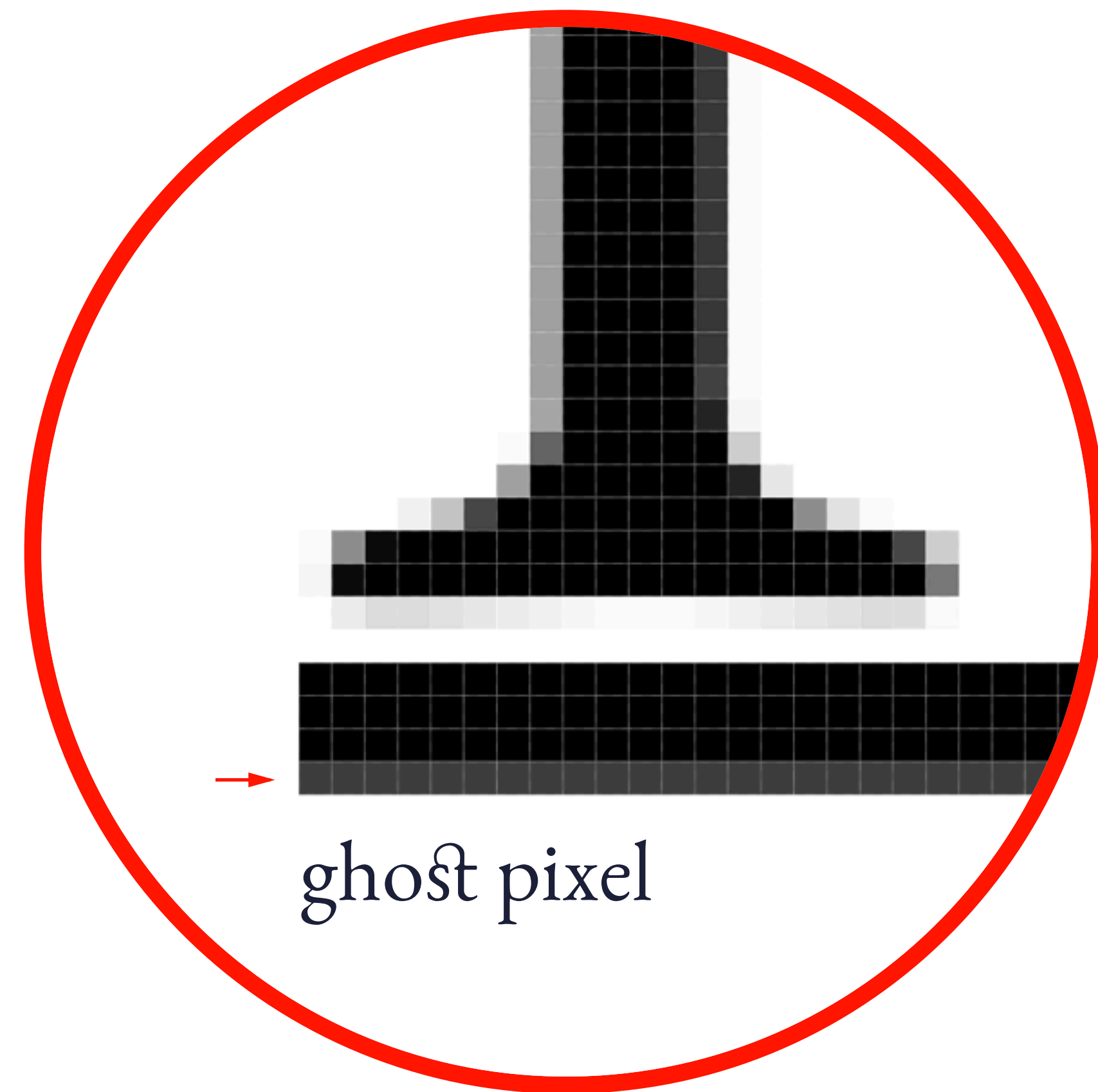
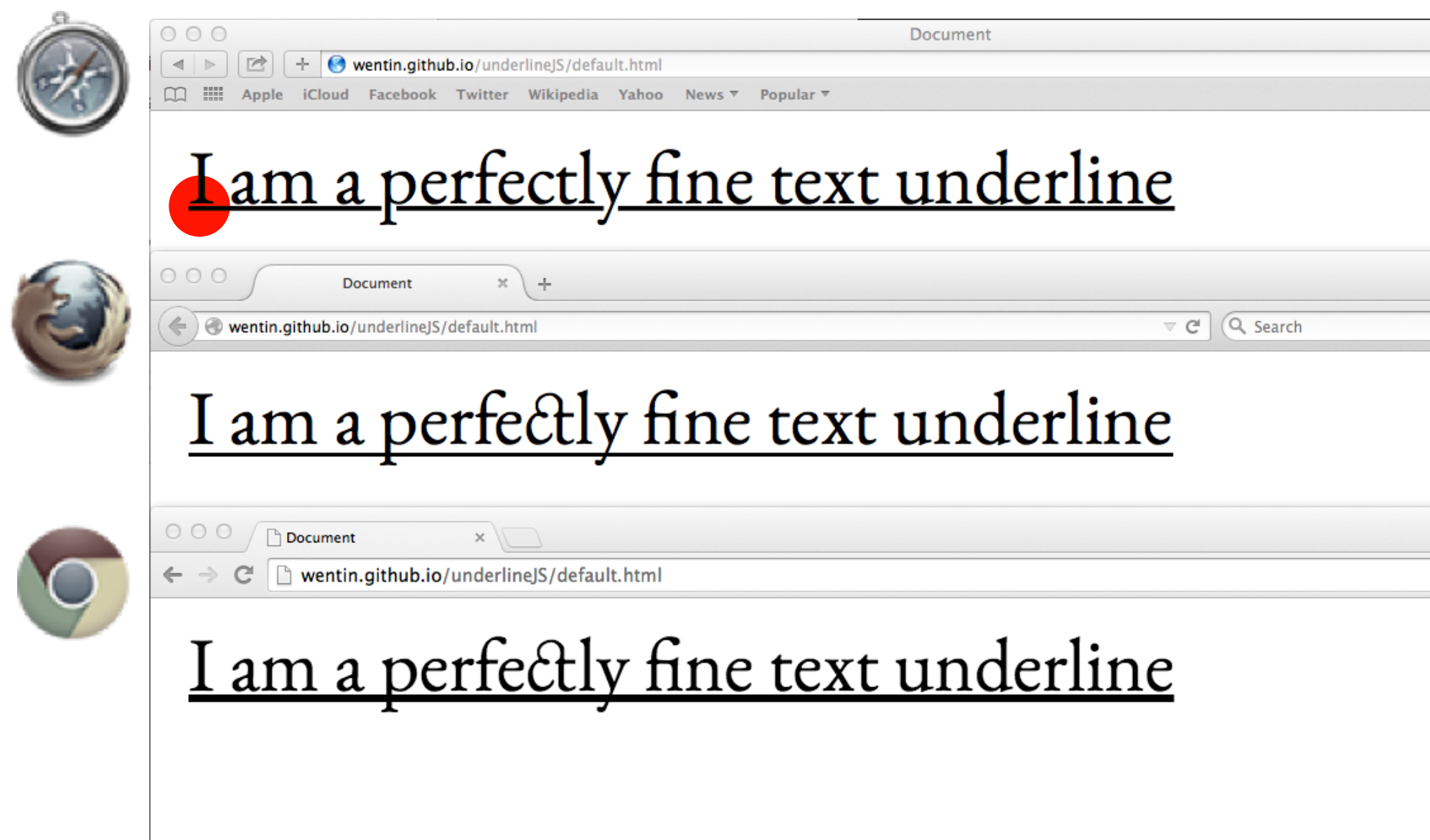


 **Chrome**

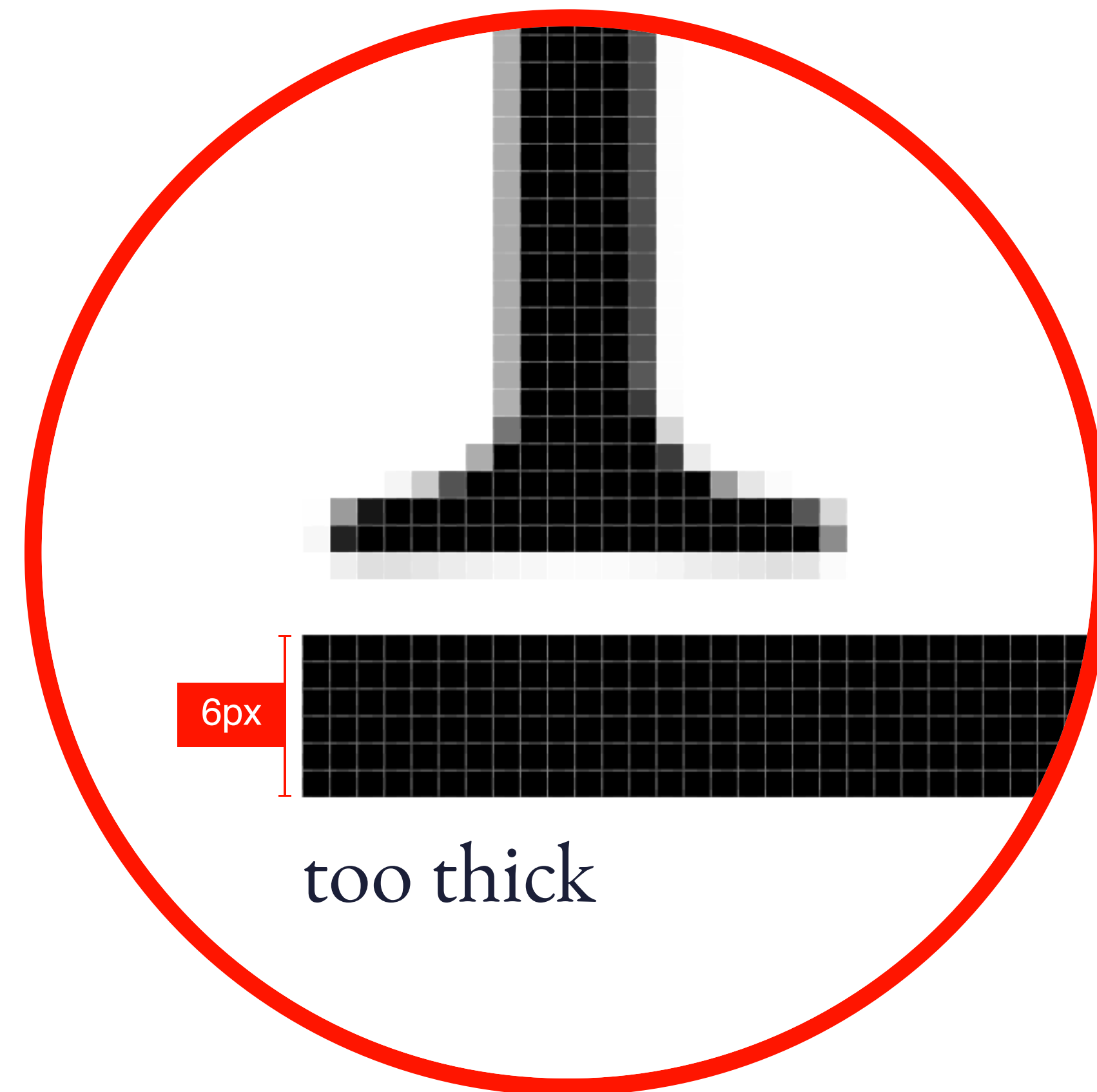
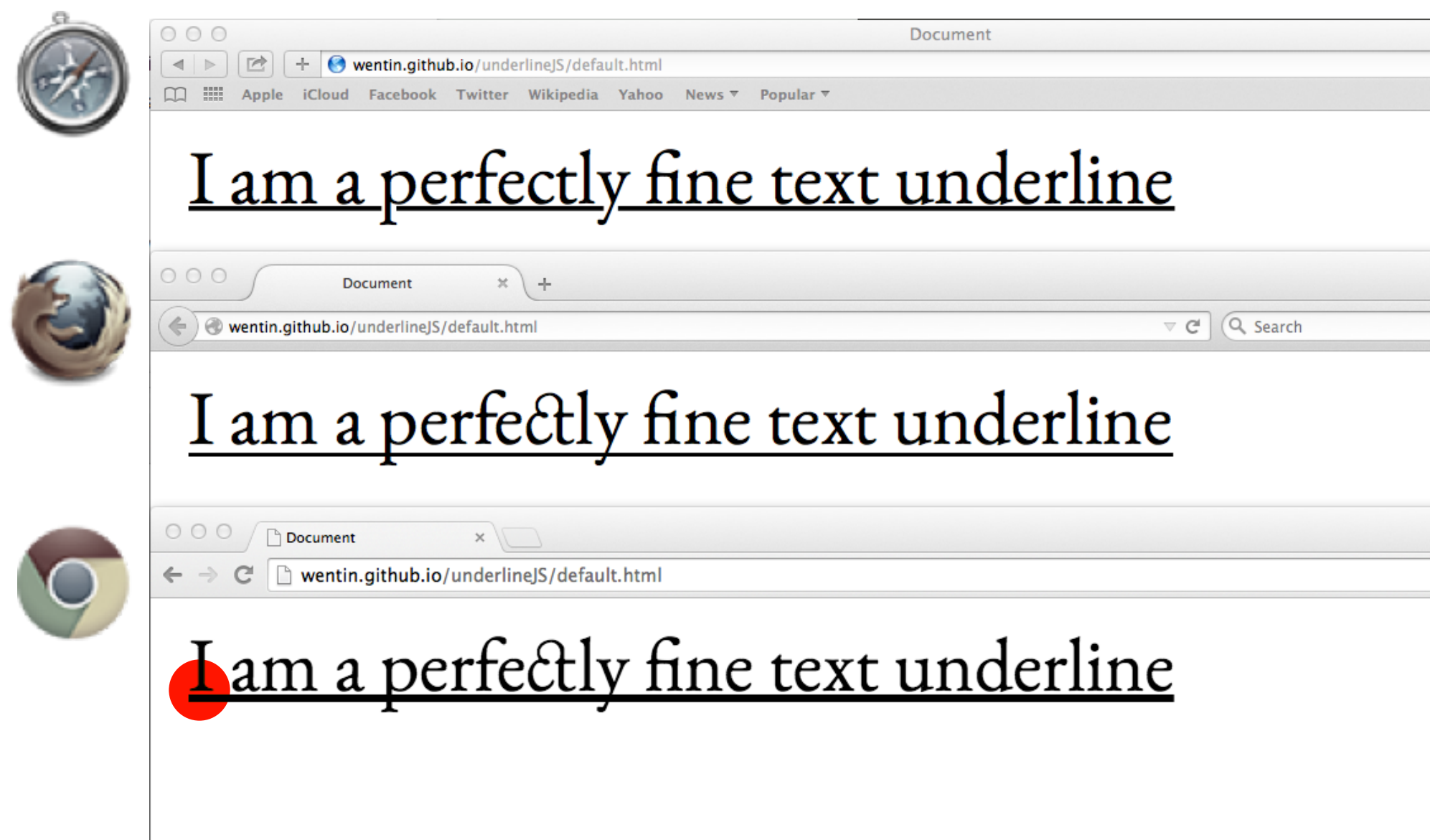


 **IE 11**

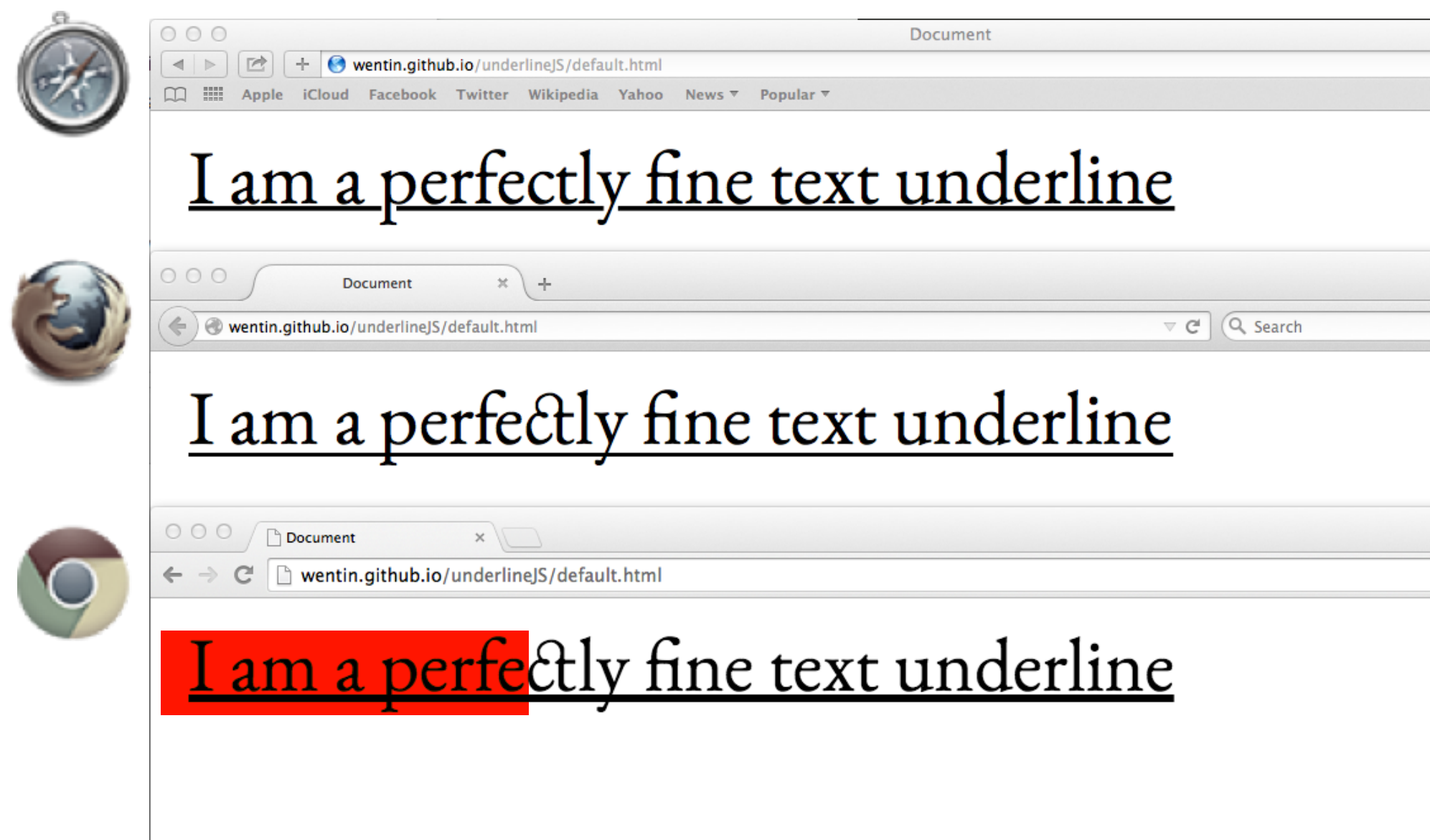
*Why is it **not perfect**?*



no ghost pixel



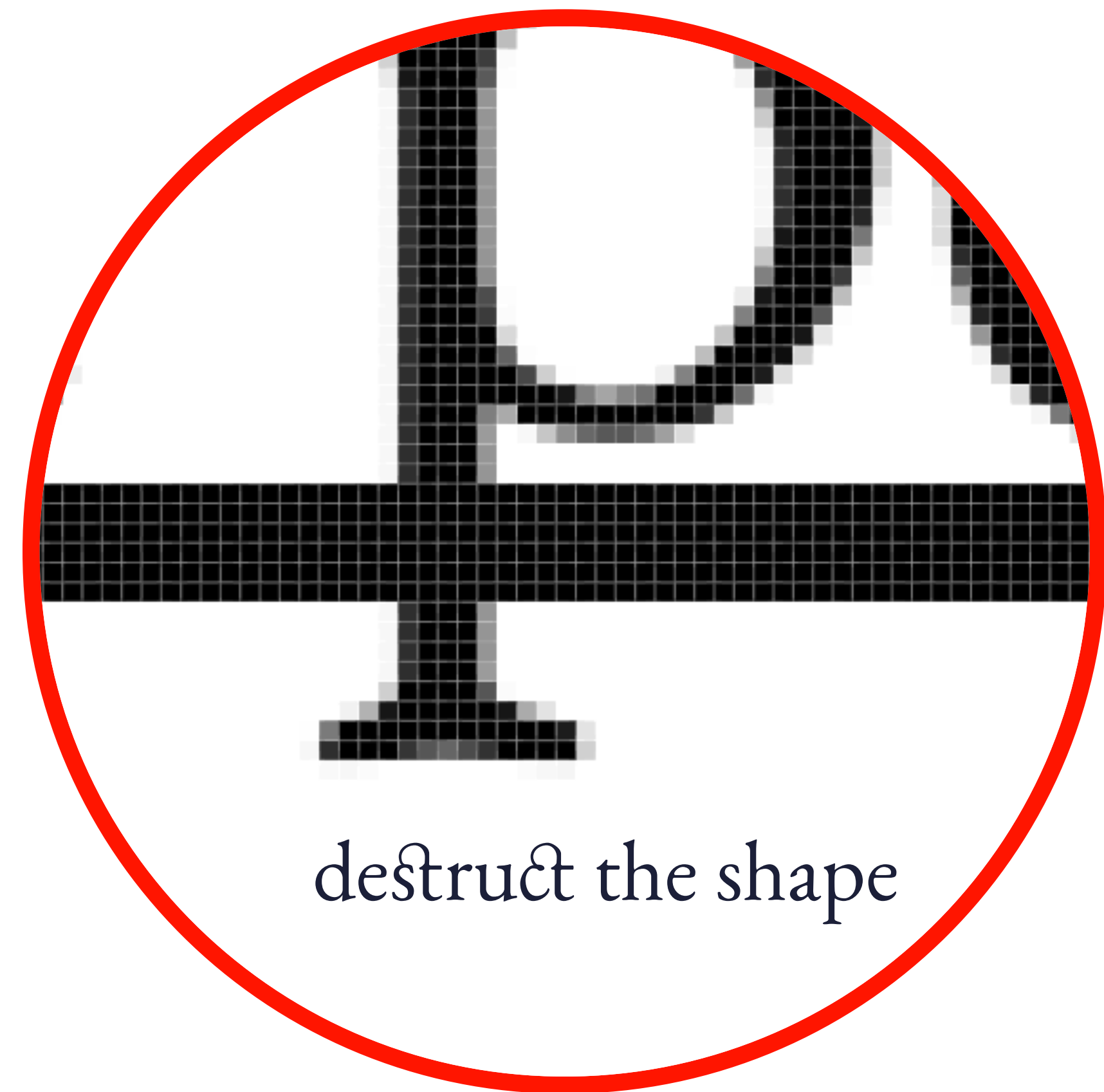
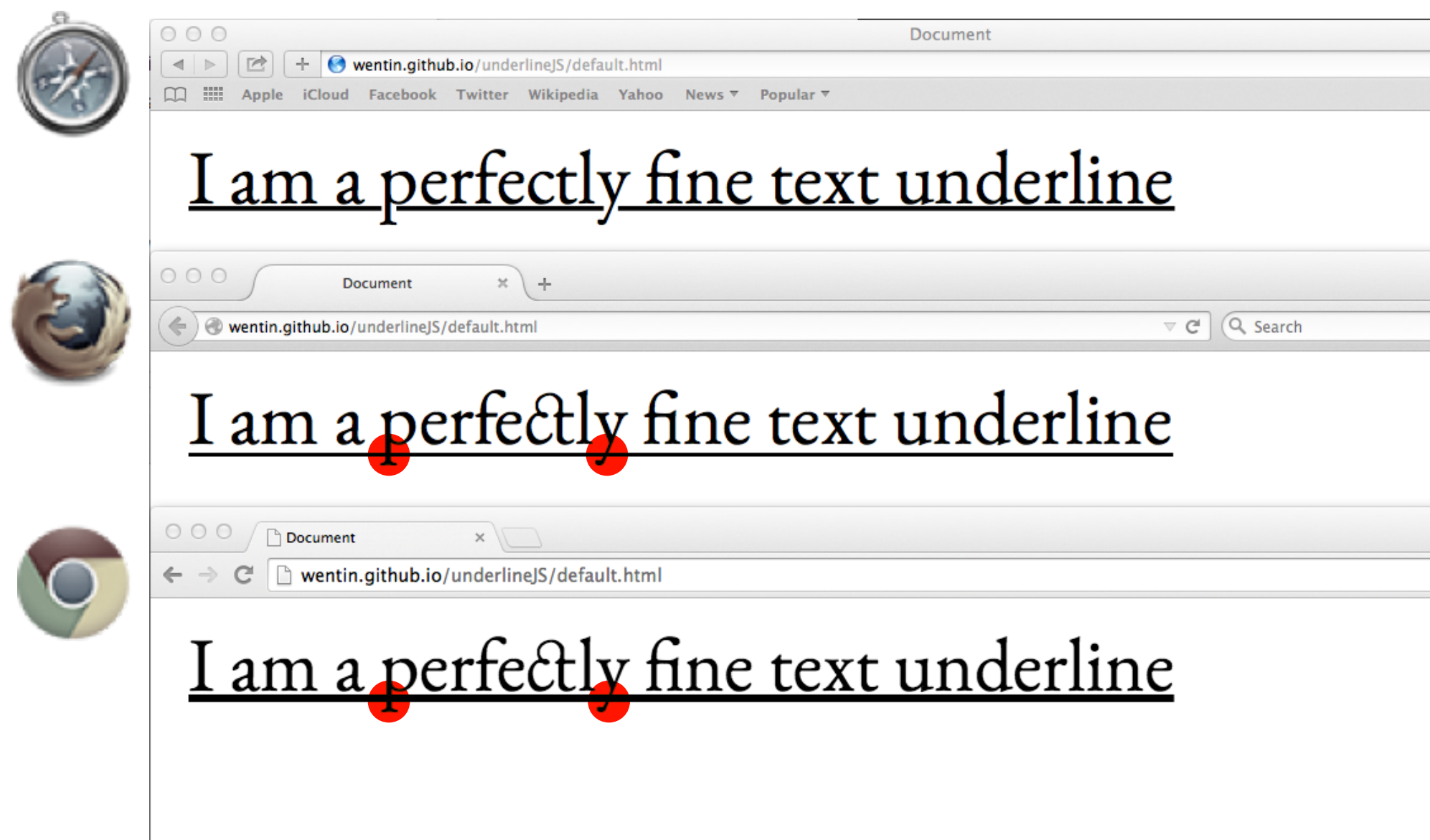




2px

I am a perfe

too close to the text baseline



*underline.js*

*.js*



underline.js

2px @2x

2px @1x

at your gate

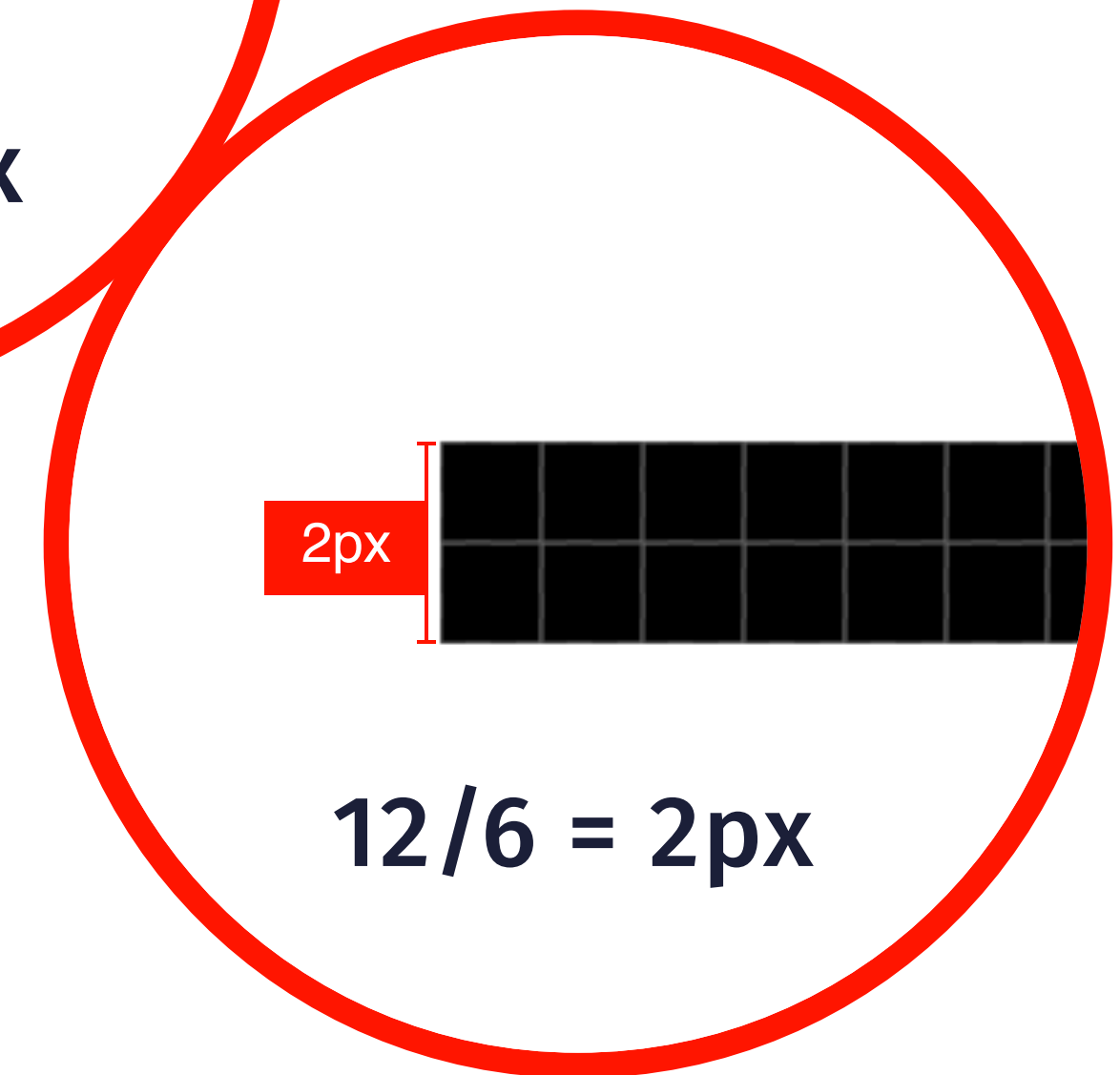
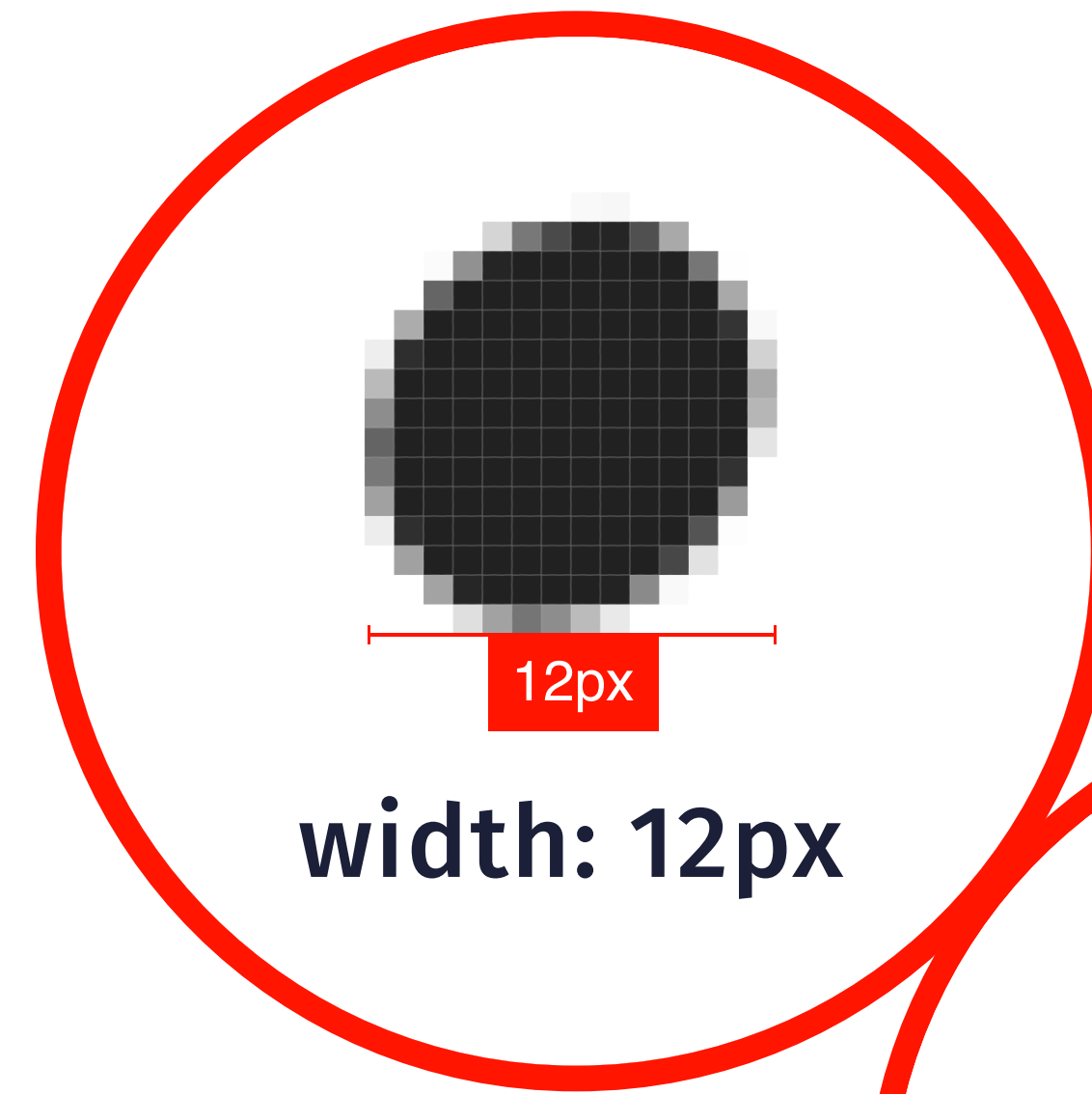
0.5px @2x

0.5px @1x

.js

No ghost pixels. *Pixel perfect* on half pixel level for *retina* display

*underline.js*



*.js*

*Optimal stroke-width. 1/6 of width of the period mark*



*underline.js*

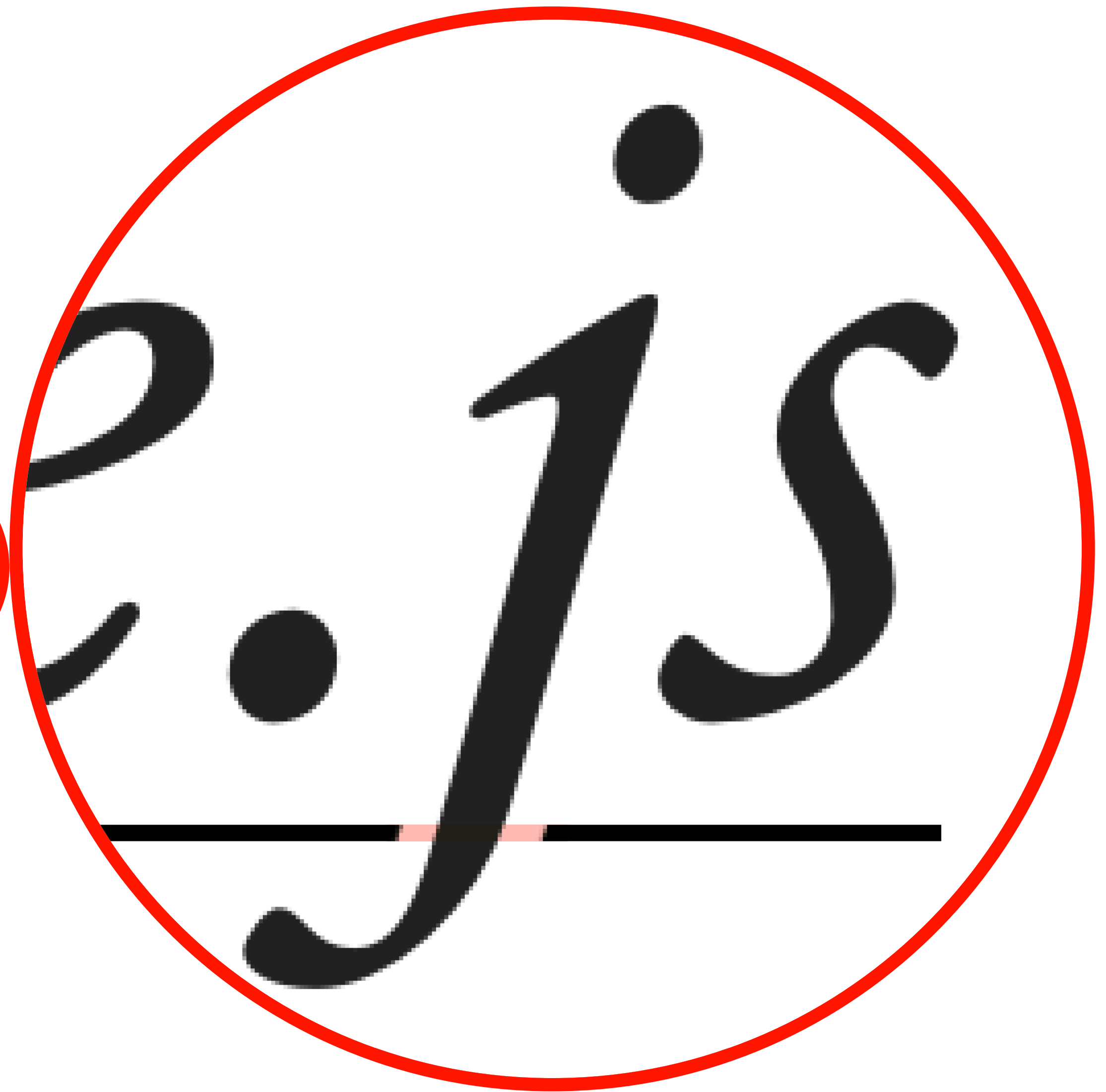
0.6180339887

*.js*

*Optimal Y position is the golden ratio point between the baseline and descender line*



underline.js



js

Has *holes around descenders*, completely respect the type's shape

*Propose these new css rules to **W<sub>3</sub>C** for **css4** edition:*

**text-underline-color: #000000;**

// auto means the same color as the text color, or hex value

**text-underline-position: auto;**

// could be ratio or px or auto

**text-underline-skip: true;**

// true to set holes around descenders, false to turn it off

**text-underline-width: auto;**

// could be auto or px or ratio

**text-underline-animation: true**

// true or false, this one is only for underline.js

