

**T**IL how to  
drop caps  
(this time for real)









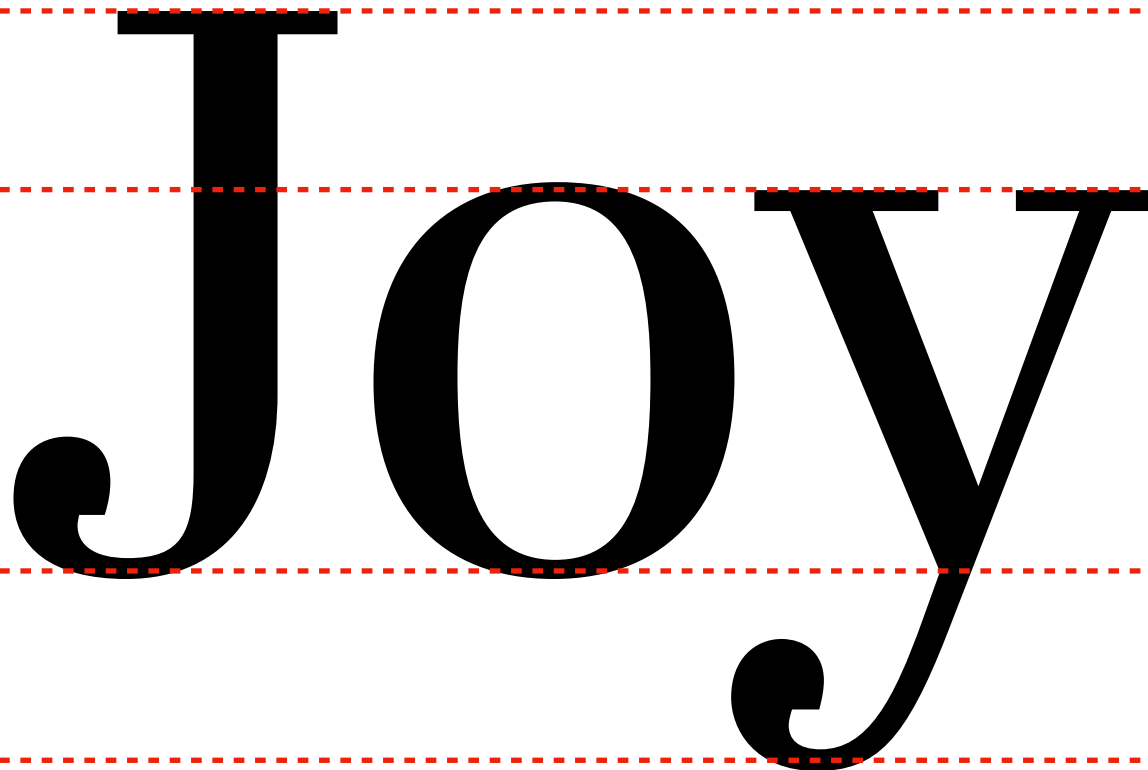


H-Linie

x-Linie

Grundlinie

p-Linie



Joy



H-Linie

x-Linie

Grundlinie

p-Linie



Freude







k-Linie  
H-Linie  
x-Linie

Grundlinie  
p-Linie

Freude







Grundlinie

Joy

1em

Grundlinie

Áthas

1lh

1em

Grundlinie

Freude

1em



```

HTML
CSS
1 body {
2   font: 4em/1 'Abril Text';
3 }
JS

```

Joy  
 Áthas  
 Freude



# Star Trek: Discovery opening titles

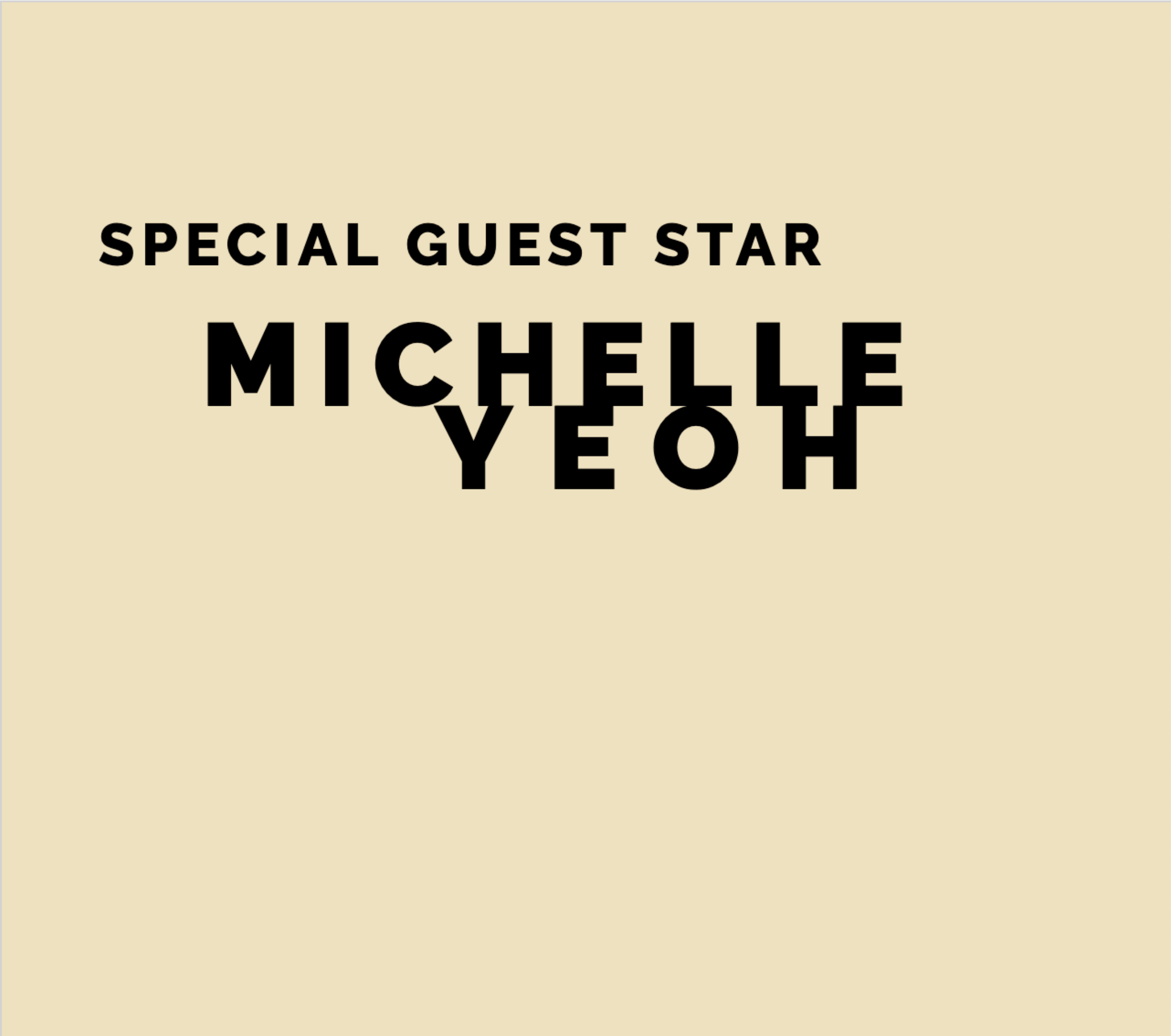
Gunnar Bittersmann

Save Settings

```

1 body {
2   background: hsl(40deg 65% 85%);
3 }
4
5 dl {
6   font-family: Raleway, sans-serif;
7   text-transform: uppercase;
8   margin: 20vh 3rem;
9   width: fit-content;
10 }
11
12 dt {
13   font-size: 2rem;
14   line-height: 1cap;
15   font-weight: 800;
16   letter-spacing: .1em;
17 }
18

```





# Neue Helvetica vs. Calibri

Gunnar Bittersmann

Save Settings

```
HTML
CSS
1 body {
2   display: flex;
3   gap: 3em;
4   font-size: 1.2em;
5 }
6
7 p {
8   margin: 0;
9   font: 1em/1.5 'Helvetica Neue', sans-serif;
10 }
11
12 p:nth-child(2) {
13   font: 1.11em/1.35 Calibri, sans-serif;
14 }
15
JS
```

Freude, schöner Götterfunken  
Tochter aus Elysium,  
Wir betreten feuertrunken,  
Himmlische, dein Heiligtum.  
Deine Zauber binden wieder,  
Was die Mode streng geteilt;  
Alle Menschen werden Brüder,  
Wo dein sanfter Flügel weilt.

Freude, schöner Götterfunken  
Tochter aus Elysium,  
Wir betreten feuertrunken,  
Himmlische, dein Heiligtum.  
Deine Zauber binden wieder,  
Was die Mode streng geteilt;  
Alle Menschen werden Brüder,  
Wo dein sanfter Flügel weilt.



# Freude über text-box-trim

Gunnar Bittersmann

♥ Save Settings [Grid Icon] [Pin Icon] [Profile Icon]

```
HTML
CSS
19
20 p:lang(en) {
21   align-self: end;
22   /* display: none; */
23   text-box-edge: cap alphabetic;
24   text-box-trim: both;
25 }
26
27 p:lang(ga) {
28   align-self: start;
29   /* display: none; */
30   text-box-edge: cap alphabetic;
31   text-box-trim: both;
32 }
33
34 img {
35   height: 4rem;
36   margin-right: 1rem;
37 }
38
```



Áthas  
Joy

Zeichnung:  
Anna Bittersmann



# Freude über text-box-trim

Gunnar Bittersmann

♥ Save Settings [Grid Icon] [Pin Icon] [Profile Icon]

```
HTML
CSS
19
20 p:lang(en) {
21   align-self: end;
22   /* display: none; */
23   text-box-edge: cap alphabetic;
24   text-box-trim: both;
25 }
26
27 p:lang(ga) {
28   align-self: start;
29   /* display: none; */
30   text-box-edge: cap alphabetic;
31   text-box-trim: both;
32 }
33
34 img {
35   height: 4rem;
36   margin-right: 1rem;
37 }
38
JS
```



Áthas

Joy



W3C Editor's Draft

- 1 Introduction
  - 1.1 Module Interactions
  - 1.2 Value Definitions
- 2 Inline Layout Model
  - 2.1 Layout of Line Boxes
  - 2.2 Layout Within Line Boxes
  - 2.3 "Invisible" Line Boxes
  - 2.4 Painting Order
- 3 Baselines and Alignment Metrics
  - 3.1 Introduction to Baselines
  - 3.2 Baselines and Metrics
    - 3.2.1 Ascent and Descent Metrics
    - 3.2.2 Line Gap Metrics
  - 3.3 Baselines of Glyphs and Boxes
- 4 Baseline Alignment
  - 4.1 Dominant Baselines: the 'dominant-baseline' property
  - 4.2 Transverse Box Alignment: the 'vertical-align' property
    - 4.2.1 Alignment Baseline Source: the 'baseline-source' longhand
    - 4.2.2 Alignment Baseline Type: the 'alignment-baseline' longhand
    - 4.2.3 Post-Alignment Shift: the 'baseline-shift' longhand

## § 5.4. Half-Leading Control: the 'text-box-trim' property

To ensure consistent spacing in the basic case of running text, CSS line layout introduces leading both above and below the text content of each line as needed to ensure its 'line-height'. In addition, the ascent and descent font metrics themselves often include extra space above and below the most typical glyph shapes in order to accommodate occasional characters and diacritics that ascend or descend beyond the typical bounds. This prevents adjacent lines of text from overlapping each other. However, all this extra spacing interferes with visual alignment and with control over effective (visually-apparent) spacing.

The 'text-box-trim' property allows trimming this additional space above and below the first and last lines of a block, allowing more precise control over spacing around the glyphs. Moreover, by relying on font metrics rather than hard-coded lengths, it allows content to be resized, wrapped, and rendered in a variety of fonts while maintaining that spacing.

### EXAMPLE 3

A common problem is vertical centering. It's easy to vertically center the text container to an icon, but because the visual boundaries of Latin text are the cap height and the alphabetic baseline, rather than the ascent and descent, this often doesn't yield the intended visual effect.

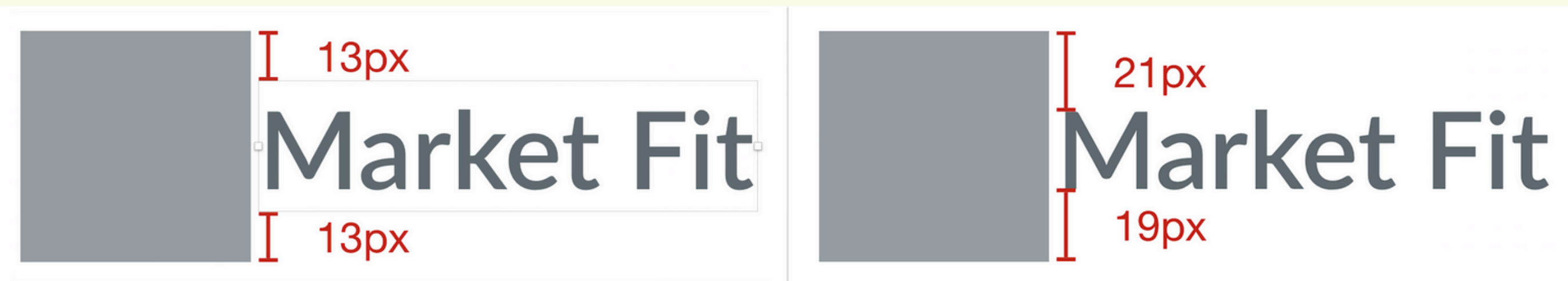
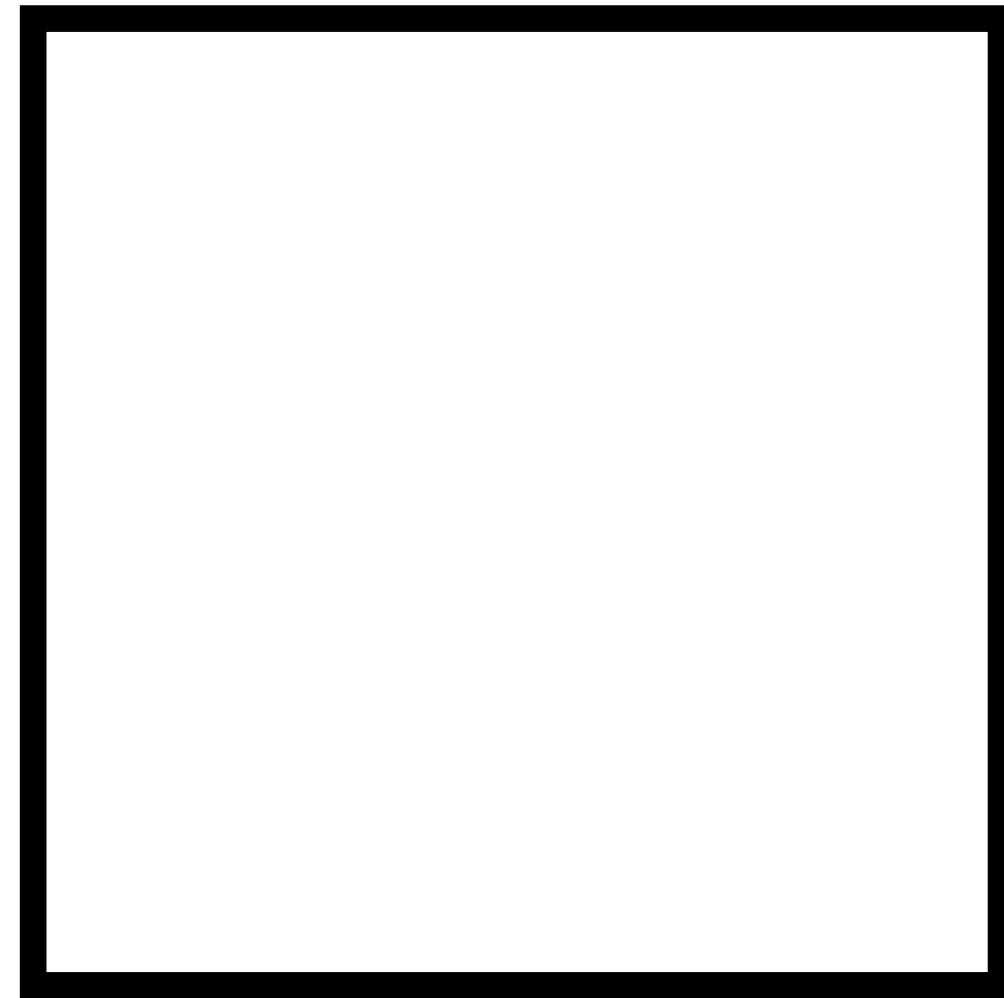


Figure 6 Measuring to the top/bottom of the text may yield equal results, but measuring to the visual bounds shows that it is not visually centered.





**CSS**

**IS**

**AWESOME**



## adjust the alignment of the initial



[einfach](#) [erweitert](#) [Aufwände](#) [CoreMedia](#)

---

### Description

### Description

The initial starting the body text is not aligned with the text height.



### Expected behavior

Please make sure the initial is aligned with the two first lines of the bodytext.



```

HTML
CSS
1 blockquote {
2   margin: 1lh 0 0;
3   font: 1.6em/1.4 'Abril Text', 'Georgia', 'Raanana', serif;
4   font-variant-numeric: lining-nums;
5   font-style: italic;
6   max-width: 36ch;
7
8   @supports (initial-letter: 2) or (-webkit-initial-letter: 2) {
9     &::first-letter {
10      -webkit-initial-letter: 2;
11      initial-letter: 2;
12      margin-inline-end: 0.2em;
13    }
14  }
15 }
16
17 p:has(cite) {
18   font: 1.2em/1.2 'Franklin Gothic Book', sans-serif;
19 }
JS

```

*“Duty and joy go hand in hand. Duty is there so you can continue to pursue your happiness. And joy is there so that you have something real to fight for.”*

*„Pflicht und Freude gehen Hand in Hand. Die Pflicht ist dafür da, dass du weiterhin nach Glück streben kannst; die Freude dafür, dass du etwas hast, wofür es sich wirklich zu kämpfen lohnt.“*

*ליכט און פרייד גיין האַנט אין האַנט. פליכט איז דאָרט אַזוי פֿאַר איר קענען פֿאַרזעצן צו נאָכגיין גליק; די פרייד אַז איר האָבן עפעס וואָס איז טאַקע ווערט צו קעמפן פֿאַר.*

— Gabrielle Burnham in *Star Trek: Discovery* S3:E7



```
HTML
CSS
1 blockquote {
2   margin: 1lh 0 0;
3   font: 1.6em/1.4 'Abril Text', 'Georgia', serif;
4   font-variant-numeric: lining-nums;
5   font-style: italic;
6   max-width: 36ch;
7
8   @supports (initial-letter: 2) or (-webkit-initial-letter: 2) {
9     &::first-letter {
10      -webkit-initial-letter: 2;
11      initial-letter: 2;
12      margin-inline-end: 0.2em;
13    }
14  }
15 }
16
17 p:has(cite) {
18   font: 1.2em/1.2 'Franklin Gothic Book', sans-serif;
19 }
```

*1000 centuries ago, in Africa, the Xam Abathwa tribe gathered to share a story. The tale of a girl who dug her hands in the wood ash, and threw it into the sky to create the Milky Way. And hidden there, a secret. Buried among the eternal stars was a message. An enormous letter in a bottle made of space and time, visible only to those whose hearts were open enough to receive it.*

— Michael Burnham in *Star Trek: Discovery* S2:E1



```

HTML
CSS
1 * { box-sizing: border-box }
2
3 p {
4   font-family: Abril Text, Georgia, serif;
5   font-size: 1.4em;
6   line-height: 1.4;
7 /* line-height: 2; */
8   font-variant-numeric: lining-nums proportional-nums;
9   max-width: 46ch;
10 }
11
12 @supports ((initial-letter: 2) or (-webkit-initial-letter: 2)) {
13 p::first-letter {
14   -webkit-initial-letter: 2;
15   initial-letter: 2;
16   margin-right: 0.2em;
17 /* margin-bottom: -0.3em; */
18 }
JS

```

**F**reude, schöner Götterfunken Tochter aus Elysium, Wir betreten feuertrunken, Himmlische, dein Heiligtum. Deine Zauber binden wieder, Was die Mode streng geteilt; Alle Menschen werden Brüder, Wo dein sanfter Flügel weilt.

**Á**thas, drithle álan ar Diagacht, Iníon ó hElysium, Tá muid ag dul isteach, ar meisce le tine Ceann Neamhí, do thearmann! Ceanglaíonn do draíocht arís Cén coinbhinsiún atá roinnte go docht; Tagann gach duine chun a bheith ina deartháireacha, San áit a luíonn do sciathán go réidh.

**Q**uien haya tenido la dicha de poder contar con un amigo, quien haya logrado conquistar a una mujer amada, que su júbilo se una al nuestro. Aún aquel que pueda llamar suya siquiera a un alma sobre la tierra. Mas quien ni siquiera esto haya logrado, ¡que se aleje llorando de esta hermandad!

**C**ò que, estrechament, la mòda divisa; Totes venon fraires, los umans ,jos ton ala doça. Aqueste, que a fòrça fòrça



**C<sup>SS</sup>  
IS**

**AWESOME**



- Summary
- Jobs
  - build-test-frontend
  - build-test-feed-layer
  - build-test-cook
  - build-push-cleaver
  - build-push-fridge
  - build-push-frontend**
  - build-push-feed-layer
  - build-push-cook
  - build-push-cook-production

- Run details
- Usage
- Workflow file

### build-push-frontend

failed on Feb 28 in 1m 19s

Beta Give feedback

```
3200 #21 27.24 <s> [webpack.Progress] 92% additional asset processing CSSLintWebpackPlugin
3201 #21 27.24 <s> [webpack.Progress] 92% chunk asset optimization
3202 #21 27.24 <s> [webpack.Progress] 92% chunk asset optimization OptimizeCssAssetsWebpackPlugin
3203 #21 28.50 JisonParserError: Parse error on line 1:
3204 #21 28.50 1.25em + 1.25lh
3205 #21 28.50 -----^
3206 #21 28.50 Expecting end of input, "RPAREN", "ADD", "SUB", "MUL", "DIV", got unexpected "UNKNOWN_DIMENSION"
3207 #21 28.50     at /opt/app/assets/css/2.5dcddb98.css:83:5
3208 #21 28.50     at Parser.parseError (/opt/app/node_modules/cssnano-preset-default/node_modules/postcss-calc/dist/parser.js:1200:15)
3209 #21 28.50     at Parser.parse (/opt/app/node_modules/cssnano-preset-default/node_modules/postcss-calc/dist/parser.js:1716:30)
3210 #21 28.50     at /opt/app/node_modules/cssnano-preset-default/node_modules/postcss-calc/dist/lib/transform.js:33:30
3211 #21 28.50     at walk (/opt/app/node_modules/postcss-value-parser/lib/walk.js:7:16)
3212 #21 28.50     at ValueParser.walk (/opt/app/node_modules/postcss-value-parser/lib/index.js:18:3)
3213 #21 28.50     at transformValue (/opt/app/node_modules/cssnano-preset-default/node_modules/postcss-calc/dist/lib/transform.js:24:50)
3214 #21 28.50     at _default (/opt/app/node_modules/cssnano-preset-default/node_modules/postcss-calc/dist/lib/transform.js:66:100)
3215 #21 28.50     at /opt/app/node_modules/cssnano-preset-default/node_modules/postcss-calc/dist/index.js:27:32
3216 #21 28.50     at /opt/app/node_modules/cssnano/node_modules/postcss/lib/container.js:139:18
3217 #21 28.50     at Rule.each (/opt/app/node_modules/cssnano/node_modules/postcss/lib/container.js:105:16)
3218 #21 28.50     at Rule.walk (/opt/app/node_modules/cssnano/node_modules/postcss/lib/container.js:135:17)
3219 #21 28.50     at /opt/app/node_modules/cssnano/node_modules/postcss/lib/container.js:152:24
3220 #21 28.50     at AtRule.each (/opt/app/node_modules/cssnano/node_modules/postcss/lib/container.js:105:16)
3221 #21 28.50     at AtRule.walk (/opt/app/node_modules/cssnano/node_modules/postcss/lib/container.js:135:17)
3222 #21 28.50     at /opt/app/node_modules/cssnano/node_modules/postcss/lib/container.js:152:24
3223 #21 28.50     at Root.each (/opt/app/node_modules/cssnano/node_modules/postcss/lib/container.js:105:16)
3224 #21 28.50     at Root.walk (/opt/app/node_modules/cssnano/node_modules/postcss/lib/container.js:135:17)
3225 #21 28.50     at /opt/app/node_modules/cssnano-preset-default/node_modules/postcss-calc/dist/index.js:23:9
3226 #21 28.50     at initializePlugin (/opt/app/node_modules/cssnano/dist/index.js:31:51)
3227 #21 ERROR: process "/bin/sh -c npm run build" did not complete successfully: exit code: 1
3228 -----
```





Zeichnung: Anna Bittersmann