

08. CSS Reset

CSS의 절대 권력 : 초기화.



reset.css

```
/* http://meyerweb.com/eric/tools/css/reset/
v2.0 | 20110126
License: none (public domain)
*/

html, body, div, span, applet, object, iframe,
h1, h2, h3, h4, h5, h6, p, blockquote, pre,
a, abbr, acronym, address, big, cite, code,
del, dfn, em, img, ins, kbd, q, s, samp,
small, strike, strong, sub, sup, tt, var,
b, u, i, center,
dl, dt, dd, ol, ul, li,
fieldset, form, label, legend,
table, caption, tbody, tfoot, thead, tr, th, td,
article, aside, canvas, details, embed,
figure, figcaption, footer, header, hgroup,
menu, nav, output, ruby, section, summary,
time, mark, audio, video {
    margin: 0;
    padding: 0;
    border: 0;
    font-size: 100%;
    font: inherit;
    vertical-align: baseline;
}
/* HTML5 display-role reset for older browsers */
article, aside, details, figcaption, figure,
footer, header, hgroup, menu, nav, section {
    display: block;
}
body {
    line-height: 1;
}
ol, ul {
    list-style: none;
}
blockquote, q {
    quotes: none;
}
blockquote:before, blockquote:after,
q:before, q:after {
    content: '';
    content: none;
}
table {
    border-collapse: collapse;
    border-spacing: 0;
}
```

reset.css(1kB)

Eric A. Meyer

마지막 업데이트: 2011년 1월

<https://meyerweb.com/eric/tools/css/reset/>

reset.css



normalize.css(1.3kB)

necolas

마지막 업데이트: 2018년 11월

<https://github.com/necolas/normalize.css/blob/master/normalize.css>

“

Overridden / Unused CSS



Overridden / Unused CSS

```
footer, header, hgroup, menu, nav, section
{
    display: block;
}
ol, ul {
    list-style: none;
}
blockquote, q {
    quotes: none;
}
blockquote:before, blockquote:after,
q:before, q:after {
    content: '';
    content: none;
}
table {
    border-collapse: collapse;
    border-spacing: 0;
}
```

현재 시점에서 굳이 선언하지 않아도 되는
스타일이 대부분.(reset.css)

Overridden / Unused CSS

Inherited from `html`

```
html {  
  line-height: 1.15;  
  webkit-text-size-adjust: 100%;  
}
```

Overridden(normalize.css)

```
hr {  
  box-sizing: content-box;  
  height: 0;  
  overflow: visible  
}  
  
pre {  
  font-family: monospace, monospace;  
  font-size: 1em  
}
```

Unused(normalize.css)

Overridden / Unused CSS

```
.lineCpn__footer ul {  
  padding-left: 16px;  
  list-style: ▶ disc;  
  color: ■ #767676;  
}
```

```
ol, ul {  
  margin: ▶ 0;  
  padding: ▶ 0;  
  list style: ▶ none;  
}
```

Overridden(base.css)

“

Universal selector * reset



Universal selector * reset (Do not)

```
*,  
::before,  
::after {  
    margin: 0;  
    padding: 0;  
    border: 0;  
    box-sizing: border-box;  
    background-color: transparent;  
    border-collapse: collapse;  
    border-spacing: 0;  
    list-style: none;  
    -webkit-appearance: none;  
    appearance: none;  
}
```

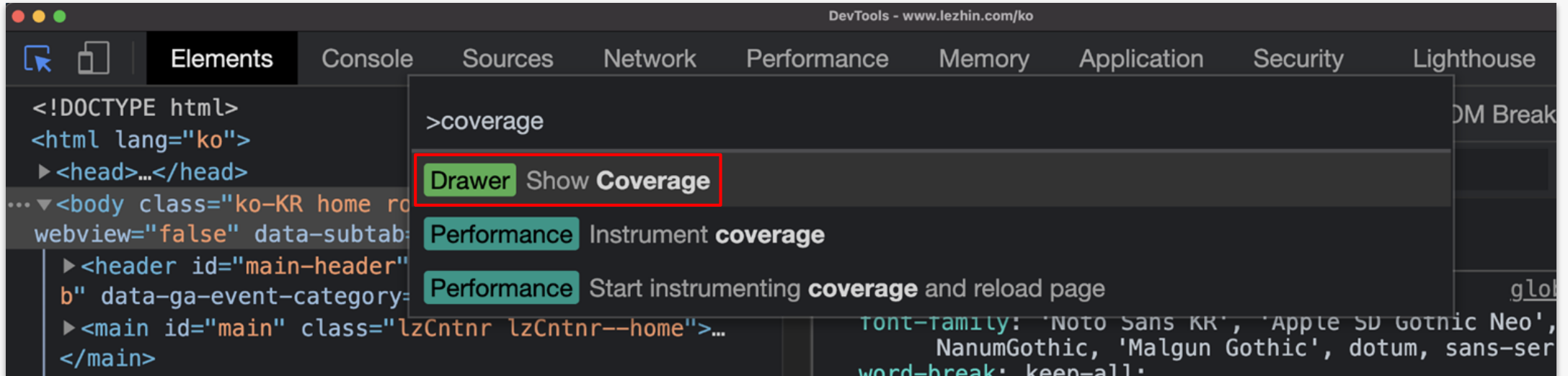


“

Find unused CSS



Find unused CSS (Show Coverage)



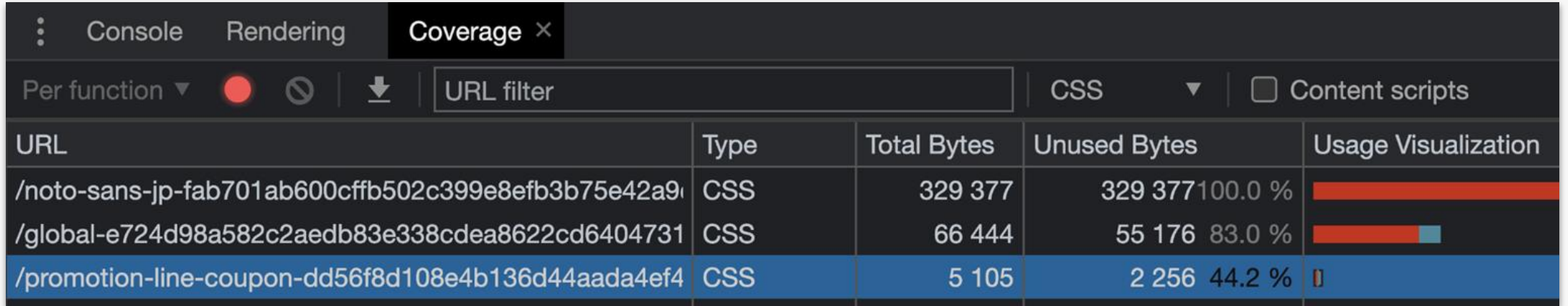
Chrome - DevTools

Mac: Cmd + Shift + P + (coverage)

Win: Ctrl + Shift + P + (coverage)

<https://developer.chrome.com/docs/devtools/shortcuts/>

Find unused CSS (Show Coverage)



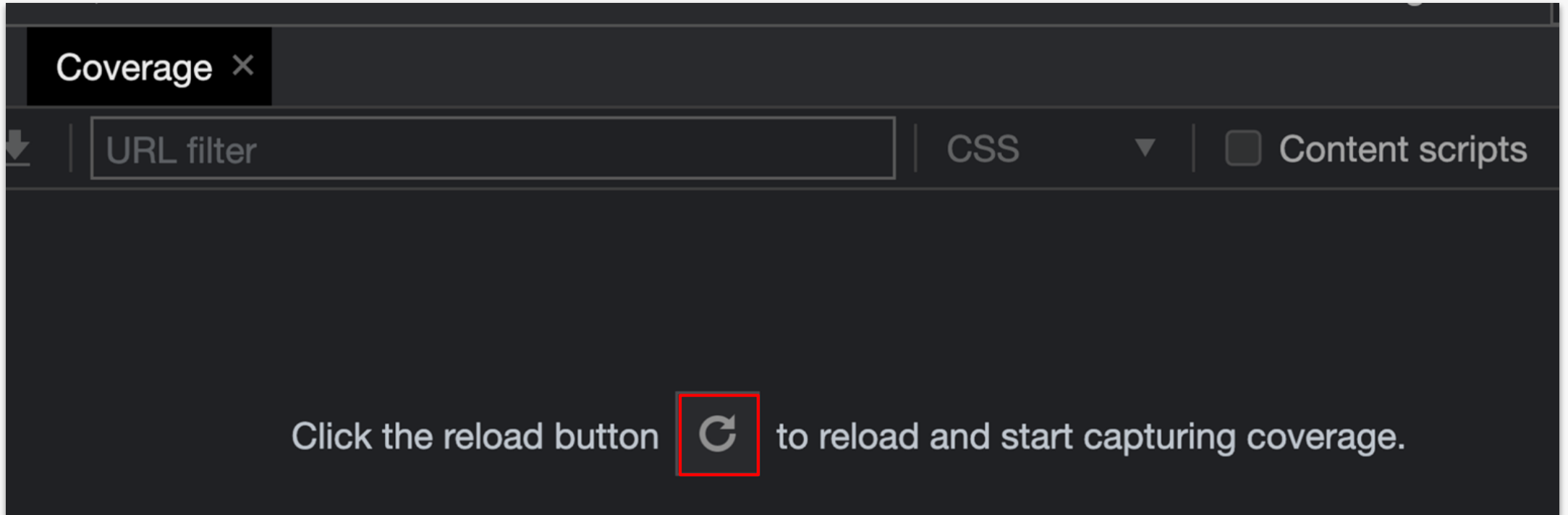
The screenshot shows the Chrome DevTools Coverage Tab. The top bar includes tabs for Console, Rendering, and Coverage (selected). Below the tabs, there are controls for 'Per function' (dropdown), a red circle icon, a grey circle icon, a download icon, a 'URL filter' input field, a 'CSS' dropdown, and a checkbox for 'Content scripts'. The main table displays coverage data for three CSS files. The first row shows a file with 329,377 total bytes and 0% unused. The second row shows a file with 66,444 total bytes and 83.0% unused. The third row, which is highlighted in blue, shows a file with 5,105 total bytes and 44.2% unused. The 'Usage Visualization' column shows a red bar for the first file, a red bar with a blue segment for the second, and a small red bar for the third.

URL	Type	Total Bytes	Unused Bytes	Usage Visualization
/noto-sans-jp-fab701ab600cffb502c399e8efb3b75e42a9i	CSS	329 377	329 377 100.0 %	<div></div>
/global-e724d98a582c2aedb83e338cdea8622cd6404731	CSS	66 444	55 176 83.0 %	<div></div>
/promotion-line-coupon-dd56f8d108e4b136d44aada4ef4	CSS	5 105	2 256 44.2 %	<div></div>

Chrome - DevTools - Coverage Tab

<https://developer.chrome.com/docs/devtools/coverage/>

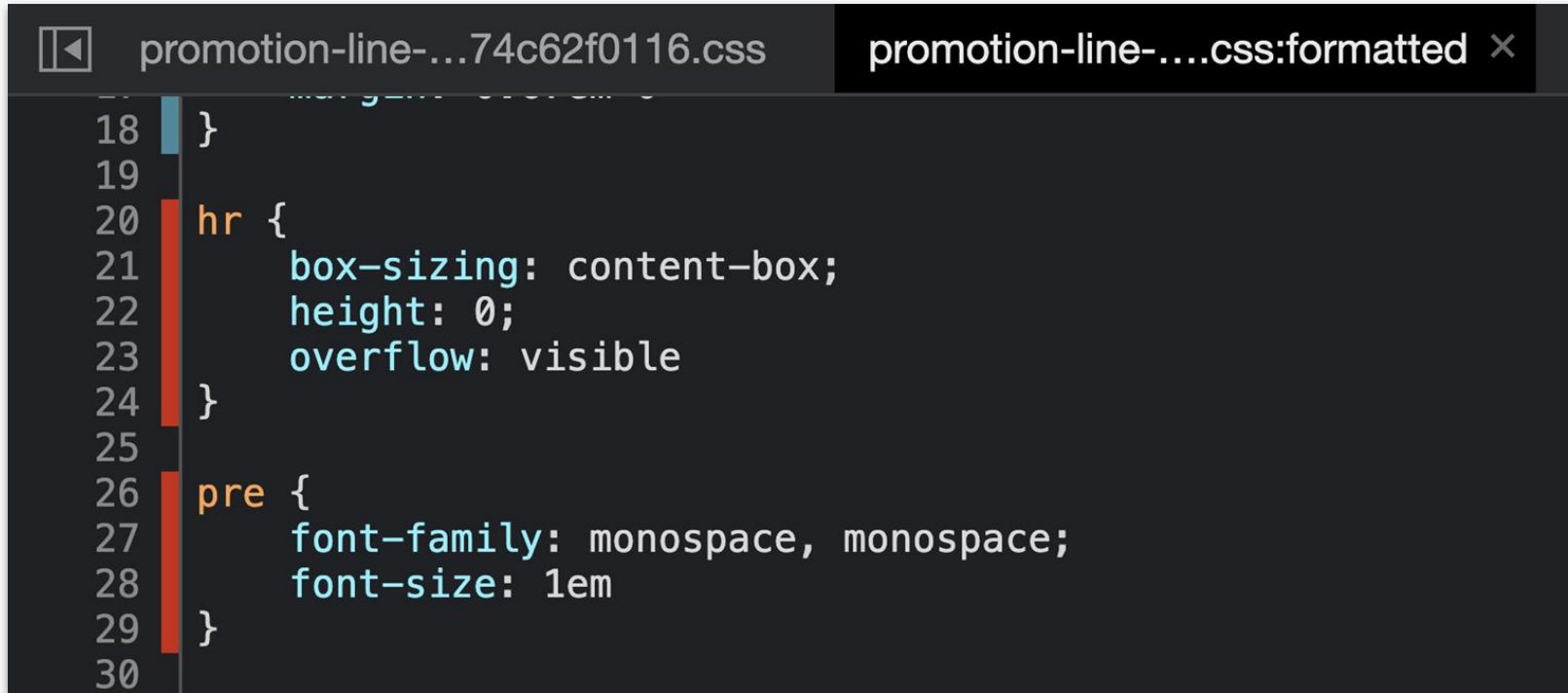
Find unused CSS (Show Coverage)



Chrome - DevTools - Coverage Tab

<https://developer.chrome.com/docs/devtools/coverage/>

Find unused CSS (Show Coverage)



```
18 }
19
20 hr {
21   box-sizing: content-box;
22   height: 0;
23   overflow: visible
24 }
25
26 pre {
27   font-family: monospace, monospace;
28   font-size: 1em
29 }
30
```

Chrome - DevTools - Coverage Tab

<https://developer.chrome.com/docs/devtools/coverage/>

“

SUMMARY



“ Summary

대부분의 초기화 스타일은;

1. 쓸모 없다.
2. 덮어 쓴다.

“

CSS reset reinvent



CSS reset reinvent

```
/* Reset body */  
body {  
    margin: 0;  
    overflow-wrap: break-word;  
}  
  
/* Do not break Korean words */  
:lang(ko) { word-break: keep-all; }
```

CSS reset reinvent

```
/* Reset img */  
img {  
    max-width: 100%;  
    height: auto;  
}
```

CSS reset reinvent

```
/* CSS Reset by [class] */
[class] {
  margin: 0;
  padding: 0;
  box-sizing: border-box;
  list-style: none; // ol, ul
  border: 0; // button, table, fieldset, input, textarea, select, iframe
  background-color: transparent; // button, dialog, input, mark, meter, progress
  border-collapse: collapse; // table
  border-spacing: 0; // table
  -webkit-appearance: none;
  appearance: none; // button, input, textarea, select, meter, progress
}
[class]::before,
[class]::after { box-sizing: border-box; }
```

CSS reset reinvent (Need to check Samsung Internet)

```
/* CSS Reset by [class] - Will be used when Samsung Internet supports it. */
[class] {
  margin: 0;
  padding: 0;
  box-sizing: border-box;
}
[class]::before,
[class]::after { box-sizing: border-box; }
[class]:where(ol, ul) { list-style: none; }
[class]:where(button, fieldset, iframe, input, select, textarea) { border: 0; }
[class]:where(button, dialog, input, mark, meter, progress) { background-color: transparent; }
[class]:where(table) {
  border: 0;
  border-collapse: collapse;
  border-spacing: 0;
}
[class]:where(button, input, meter, progress, select, textarea) {
  -webkit-appearance: none;
  appearance: none;
}
```

CSS reset customizing

Reset by [class]

<https://codepen.io/naradesign/pen/JjEPbER>

Reset by [class]:where()

<https://codepen.io/naradesign/pen/XWpvZBB>

“

실습 과제 해설



실습 과제 해설

CSS 퀴즈:

<https://t.ly/8Rws>

CSS 퀴즈 해설:

<https://t.ly/WXQm>

“

실습 과제



실습 과제

css-reset-by-class.css

<https://github.com/naradesign/css-reset-by-class>

- PR(Pull Requests)을 보내거나
- 문제를 공유하거나(Issues)
- 아이디어를 제안하거나(Discussions - Ideas)
- 질문을 던져 보세요(Discussions - Q&A)
- 직접 만든 CSS 리셋을 공유해 주세요.(Discussions - Show and tell)

Thank you !

