

Web technologies on PDF & paper



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W3C CSS Working Group, Tucson, 2013-03-05



HTML, CSS, SVG → PDF

Page breaks

```
h1, h2 { page-break-after: avoid }  
pre { page-break-inside: avoid }
```

```
.slide { page-break-after: always }
```

Page layout

```
@page {  
    size: A4 portrait;  
    size: 210mm 297mm;  
    margin: 2cm;  
}  
@page :left { margin-right: 4cm }  
@page :right { margin-left: 4cm }
```

Named pages

```
table {  
    page: landscape-table  
}  
@page landscape-table {  
    size: A4 landscape;  
    size: 297mm 210mm;  
}
```

Headers & footers: *page-margin boxes*

```
@page {  
    @top-center {  
        content: 'Awesome title'  
    }  
}
```

Headers & footers: *page-margin boxes*

```
@page {  
    @bottom-center {  
        content: counter(page) ' / '  
                counter(pages)  
    }  
}  
  
@page :first {  
    @bottom-center { content: none }  
}
```

Length units

Relative:

% em ex ch rem
vw vh vmin vmax

Absolute:

in cm mm pt pc px

Absolute length units

———— 1in

———— 2.54cm

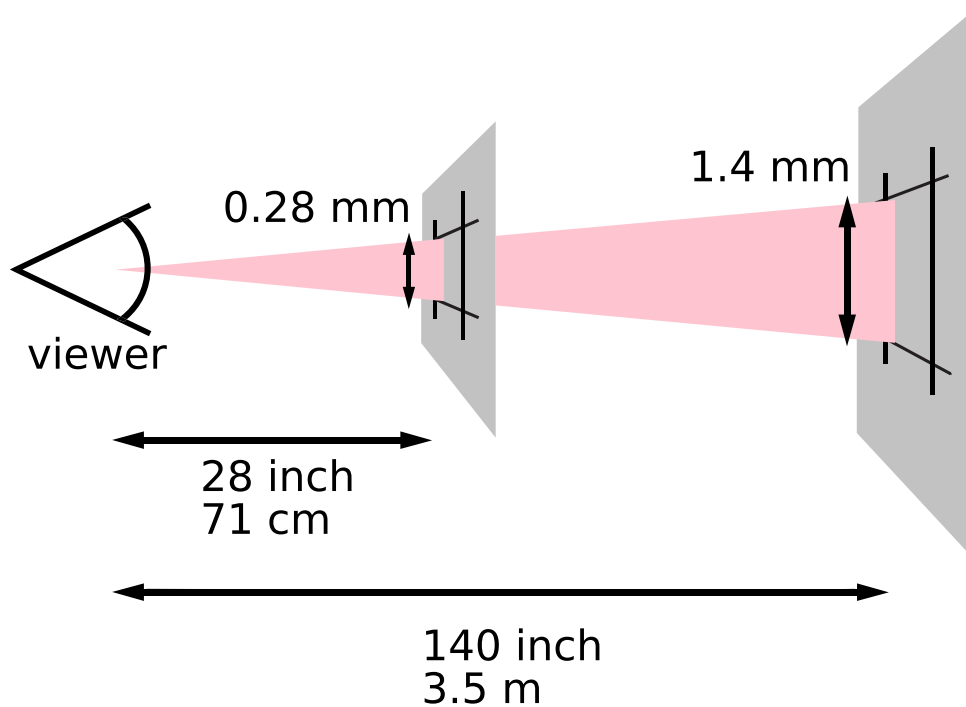
———— 25.4mm

———— 6pc

———— 72pt

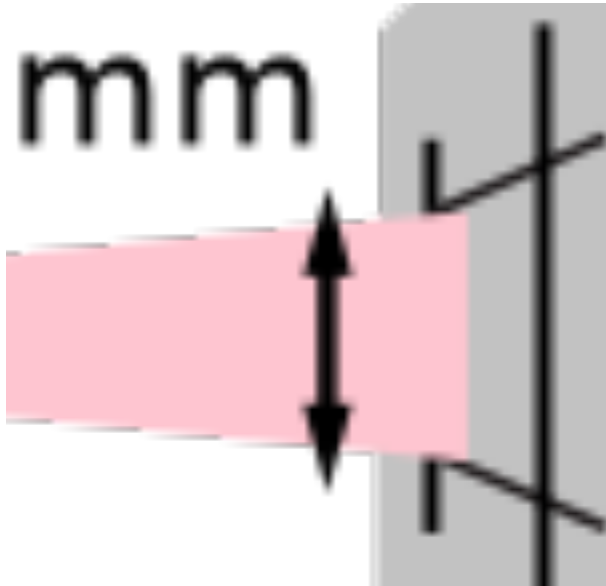
———— 96px

Reference pixel

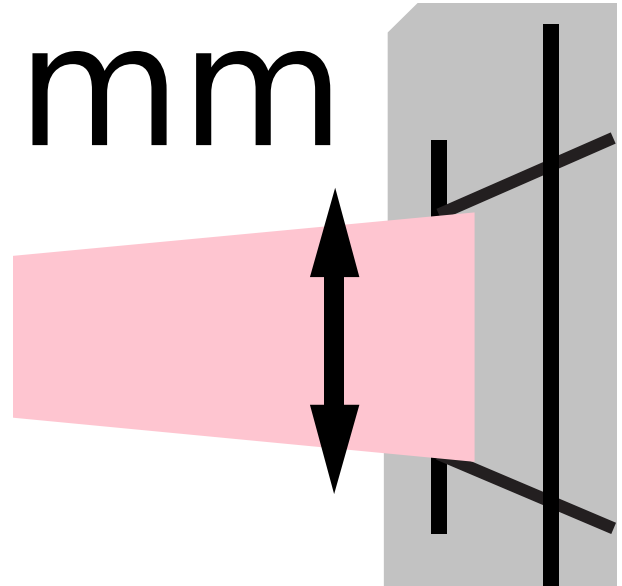


Vectors graphics

PNG (500×360px)



SVG



SVG with PNG fallback

```
<object data=kozea-logo.svg>  
  <img src=kozea-logo.png  
    alt=Kozea>  
</object>
```

Images sizing

- Specify `width` and `height`
- Specify only `width`, aspect ratio is preserved.
- Default: `image-resolution: 1dppx`