



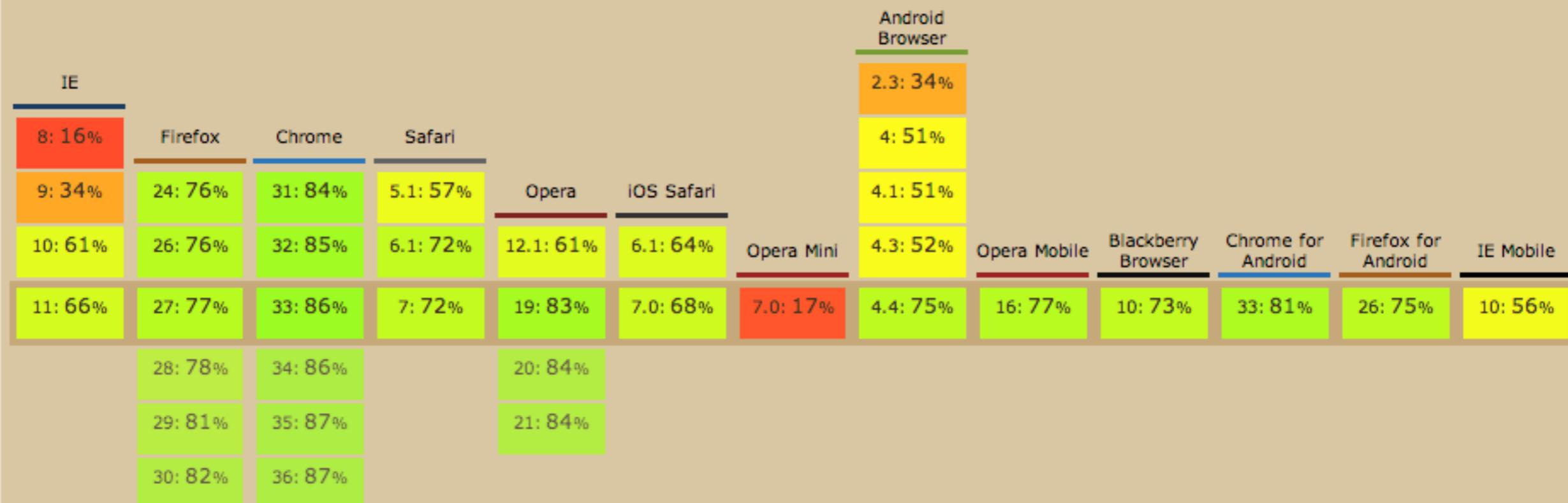
# Spielerei mit CSS3

Jens Grochtdreis



## Summary

#### Calculation of support for currently selected criteria



# Verläufe

# Verlauf - gibt es auch für den IE





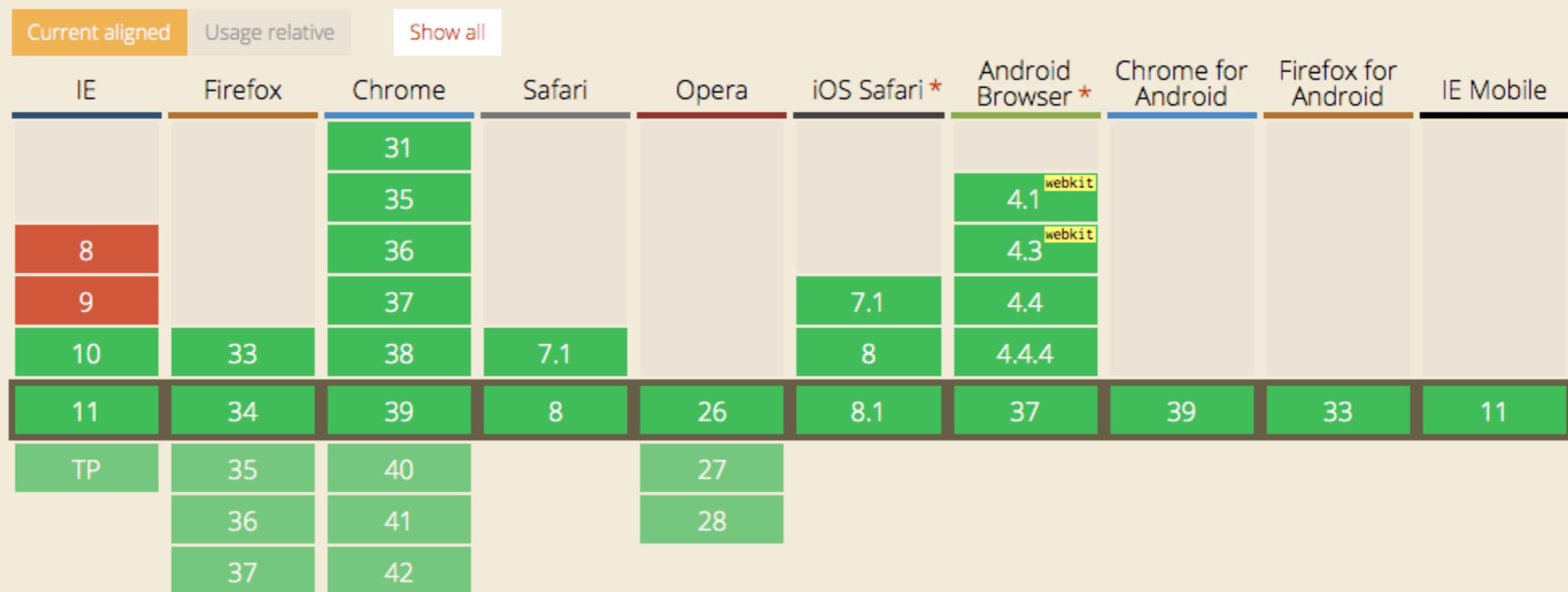
```
.box {  
background: #1e5799;  
background: -moz-linear-gradient(top, #1e5799 0%, #2989d8 50%, #207cca 51%, #7db9e8 100%);  
background: -webkit-gradient(linear, left top, left bottom, color-stop(0%,#1e5799),  
color-stop(50%,#2989d8),  
color-stop(51%,#207cca),  
color-stop(100%,#7db9e8));  
background: -webkit-linear-gradient(top, #1e5799 0%,#2989d8 50%,#207cca 51%,#7db9e8 100%);  
background: -o-linear-gradient(top, #1e5799 0%,#2989d8 50%,#207cca 51%,#7db9e8 100%);  
background: -ms-linear-gradient(top, #1e5799 0%,#2989d8 50%,#207cca 51%,#7db9e8 100%);  
  
background: linear-gradient(to bottom, #1e5799 0%,#2989d8 50%,#207cca 51%,#7db9e8 100%);  
  
*zoom: 1;  
filter: progid:DXImageTransform.Microsoft.gradient( startColorstr='#1e5799', endColorstr='#7db9e8',GradientType=0 );  
}
```

Der IE-Filter kann nur zwei Farbstops!

## CSS Gradients

Method of defining a linear or radial color gradient as a CSS image.

Global	$86.63\% + 0.54\% = 87.17\%$
unprefixed:	78.32%
Germany	$95.22\% + 0.41\% = 95.63\%$
unprefixed:	90.18%



# **Transparenz**

# Überschrift

```
.transparenz1 {  
    opacity: 0.5;  
    background-color: rgb(162,0,0)  
}
```

# Überschrift

```
.transparenz2 {  
    background-color: rgba(162,0,0,0.5)  
}
```

## RGBa and ARGB interaction converter - RGBa for Internet Explorer

### CSS3 RGBa color

```
rgba(255,255,255,1)
```

Syntax format:

```
background: rgba(red, green, blue, alpha);
```

### ARGB color for IE 6-8

```
#FFFFFF
```

Syntax format:

```
-ms-filter: "progid:DXImageTransform.Microsoft.gradient(GradientType=1, StartColorStr='#FFFFFF', EndColorStr='#FFFFFF')";
filter: progid:DXImageTransform.Microsoft.Gradient(GradientType=1, StartColorStr='#FFFFFF', EndColorStr='#FFFFFF');
zoom: 1!important;
```

## CSS3 Opacity - REC

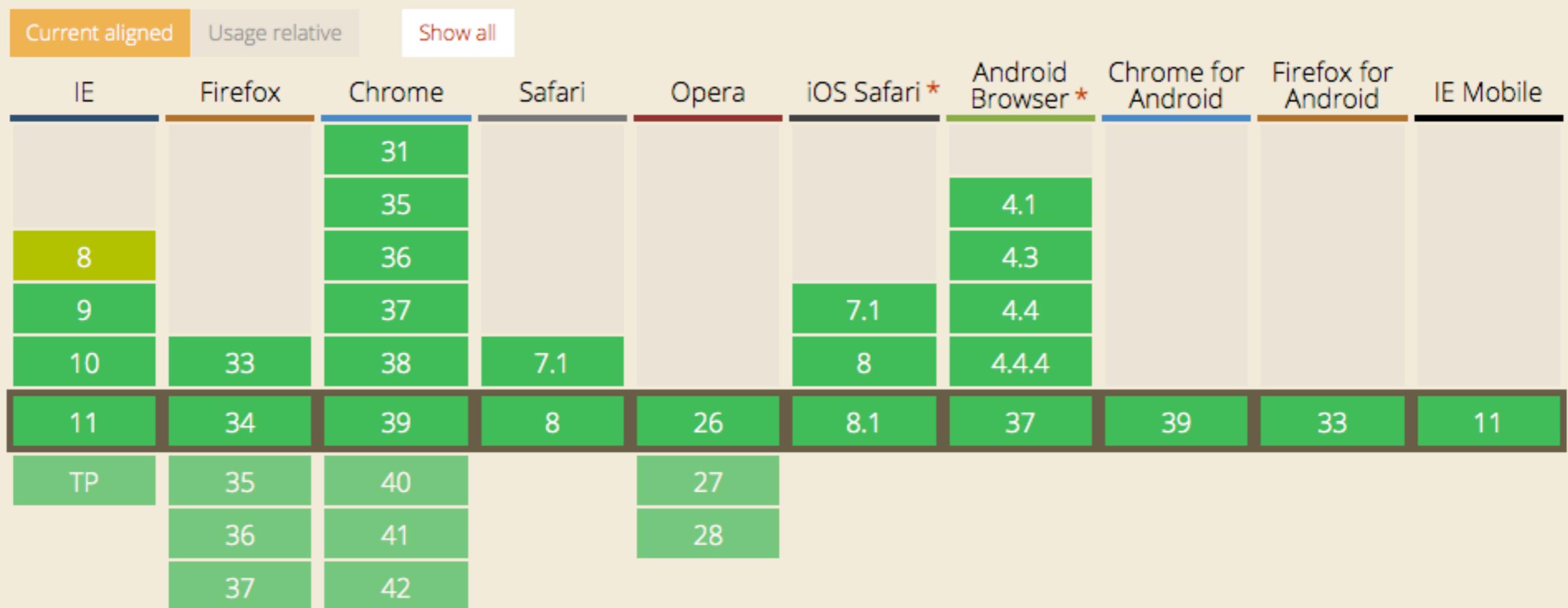
Global

92.48% + 4.35% = 96.83%

Germany

97.14% + 1.17% = 98.31%

Method of setting the transparency level of an element



## CSS3 Colors - REC

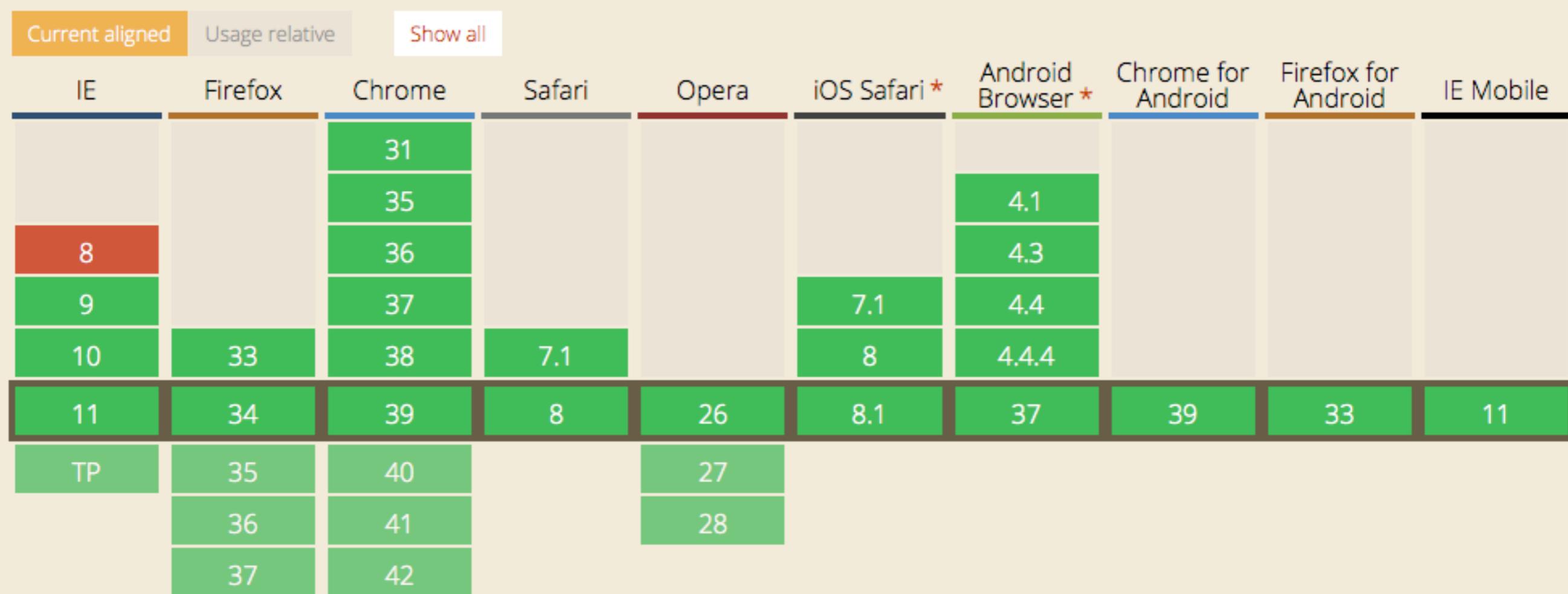
Global

92.47% + 0.01% = 92.48%

Germany

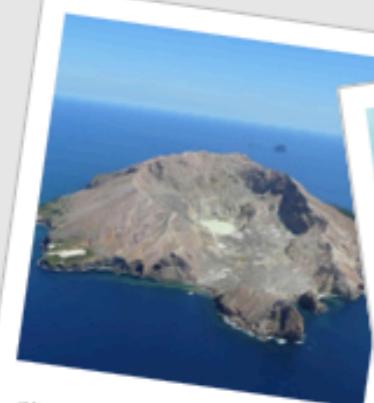
97.12% + 0.02% = 97.14%

Method of describing colors using Hue, Saturation and Lightness (hsl()) rather than just RGB, as well as allowing alpha-transparency with rgba() and hsla().



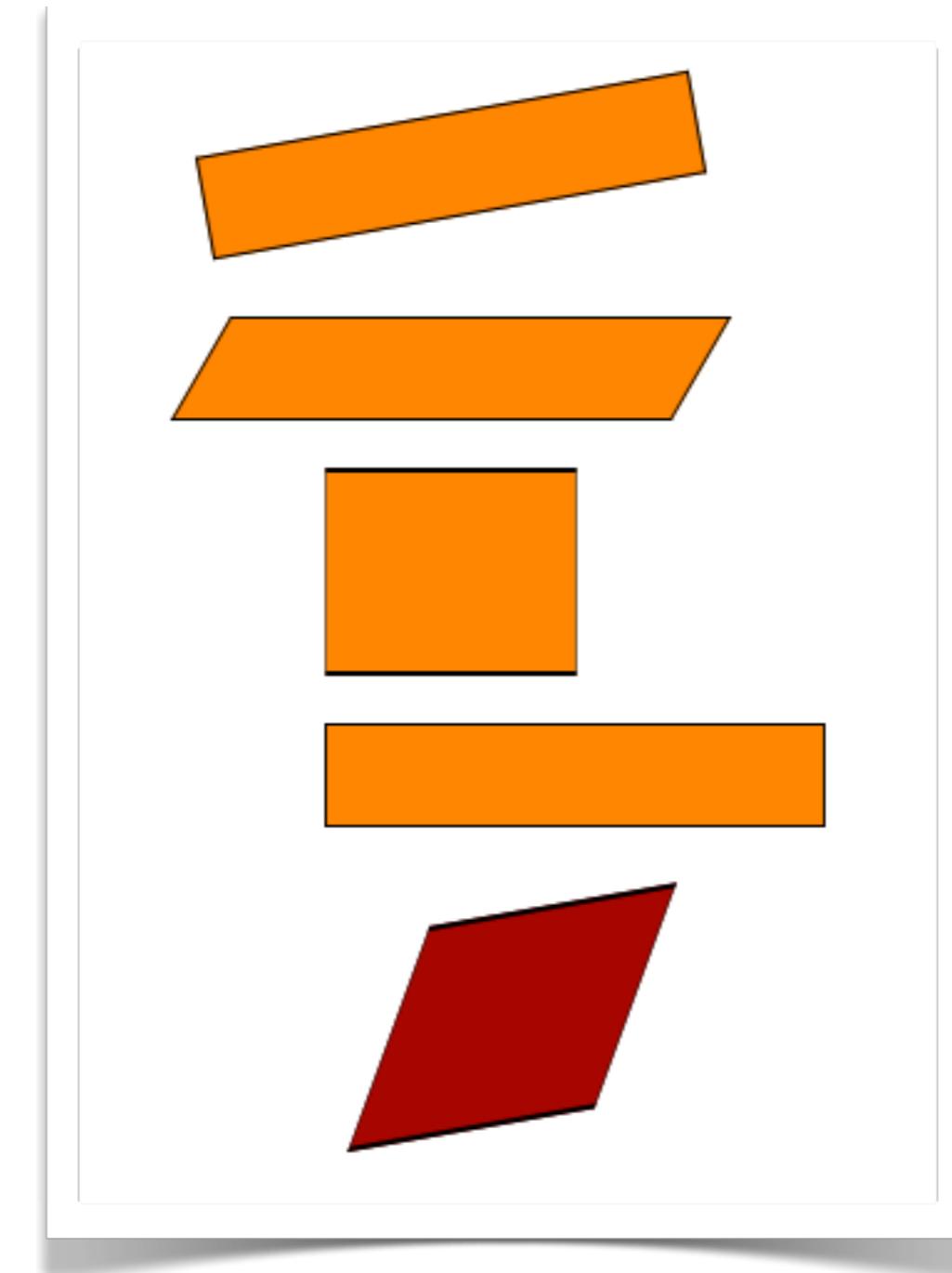
# Transform

## Nat & Simon in New Zealand





# Diverse Transformationen



Heading and stuff

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Heading and stuff

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IE 8

```
div p {  
    -webkit-transform: translateX(2.5em) translateY(-2em);  
    -ms-transform: translateX(2.5em) translateY(-2em);  
    transform: translateX(2.5em) translateY(-2em);  
}  
  
div h1{  
    -webkit-transform: rotate(90deg) translateX(20px);  
    -ms-transform: rotate(90deg) translateX(20px);  
    transform: rotate(90deg) translateX(20px);  
  
    -webkit-transform-origin: 1.8em .5em;  
    -ms-transform-origin: 1.8em .5em;  
    transform-origin: 1.8em .5em;  
}
```

```
.fa-camera-retro:before {  
    margin-right: 1rem;  
    -webkit-transition: all 0.5s;  
    transition: all 0.5s;  
}  
  
.fa-camera-retro:hover:before,  
.fa-camera-retro:focus:before {  
    -webkit-transform: scale(2);  
    -ms-transform: scale(2);  
    transform: scale(2);  
}  
  
.fa-camera-retro:active:before {  
    -webkit-transform: scale(1);  
    -ms-transform: scale(1);  
    transform: scale(1);  
}
```

 Cheese!

 Cheese!

# CSS3 Transforms

WD

Global

89.35%

unprefixed:

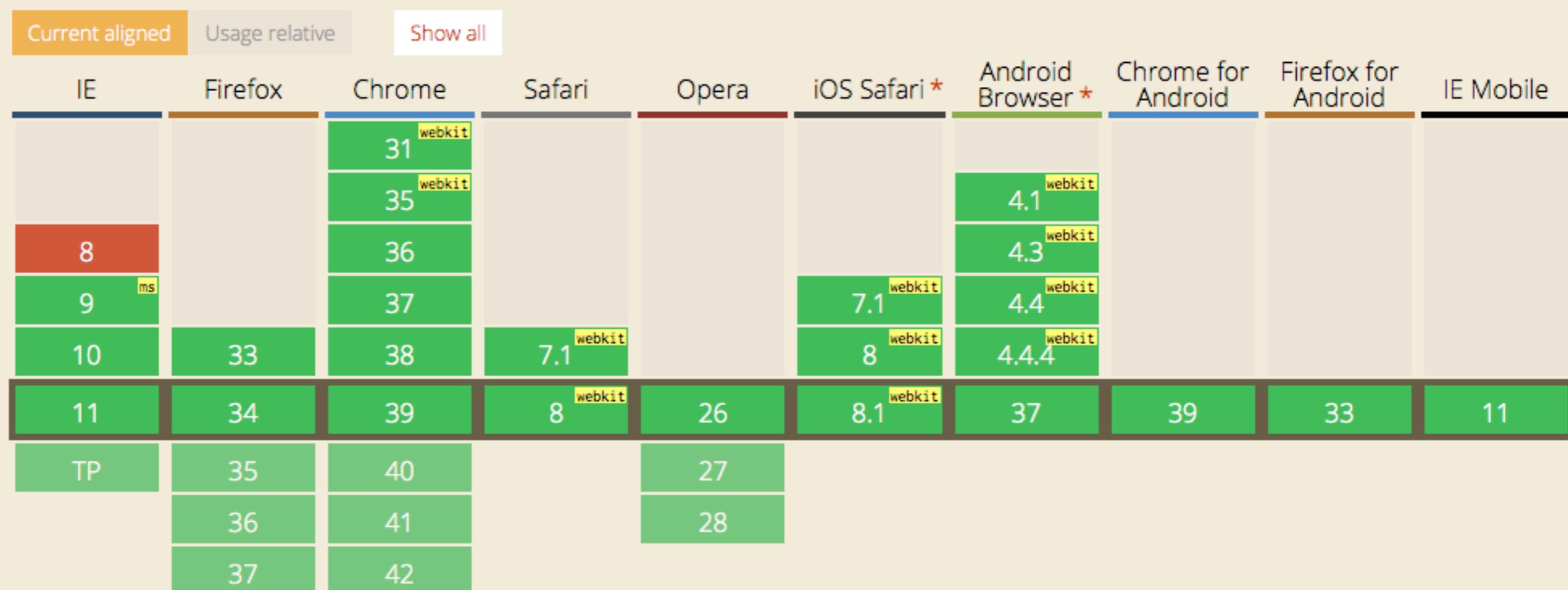
62.28%

Germany

96.93%

unprefixed:

72.53%



# Animationen und Transitionen

Our master-classes  
and upcoming dates

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yours to own on DVD

Master-classes and  
DVD reviews

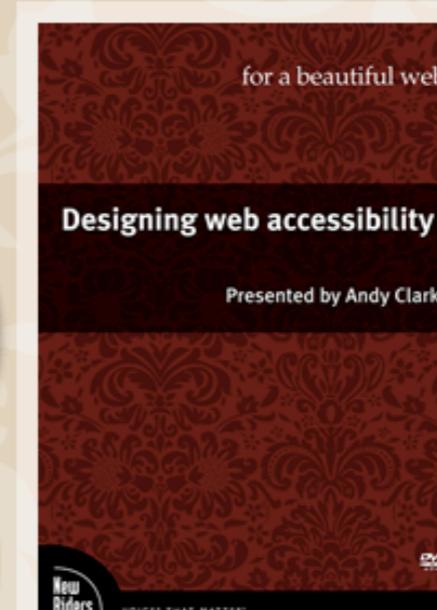
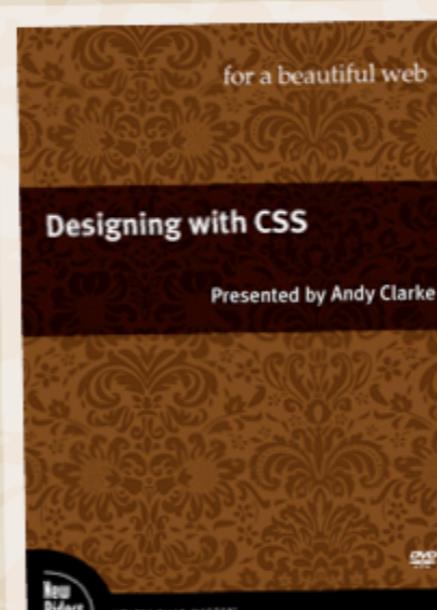
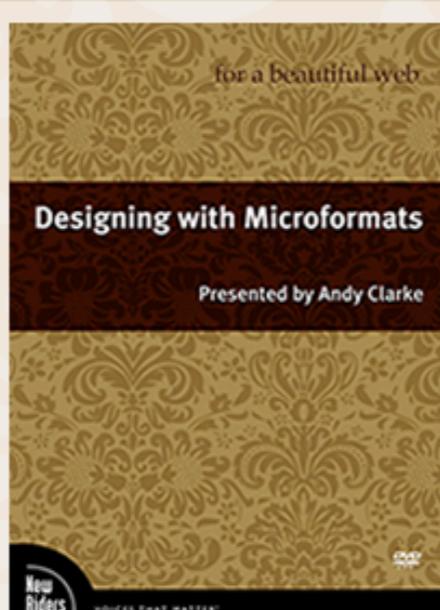
Blogging on And All  
That Malarkey

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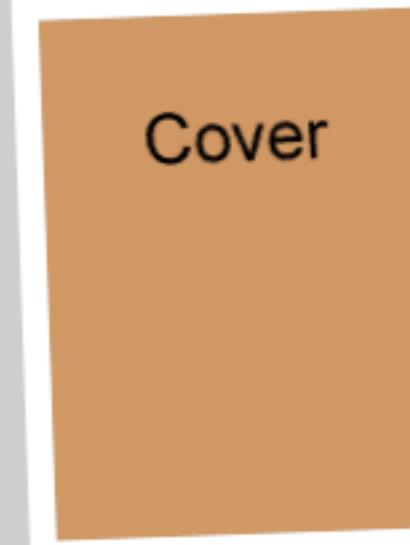
Cover

[Another hillarious book](#)



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Cover

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See the photos I take



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Snippets of my life in 24 fps



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For business connections



[facebook.com/farukates](http://facebook.com/farukates)

For people I've met in person



[kurafire.tumblr.com](http://kurafire.tumblr.com)

Personal sandbox



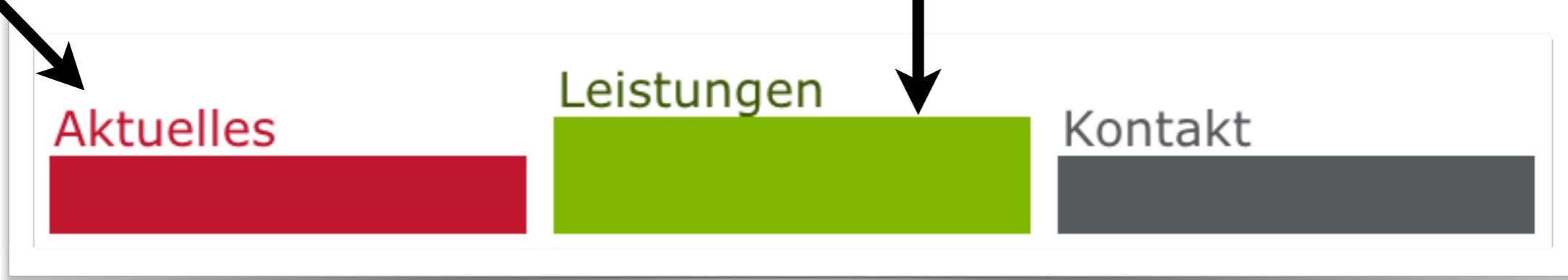
Aktuelles

Leistungen

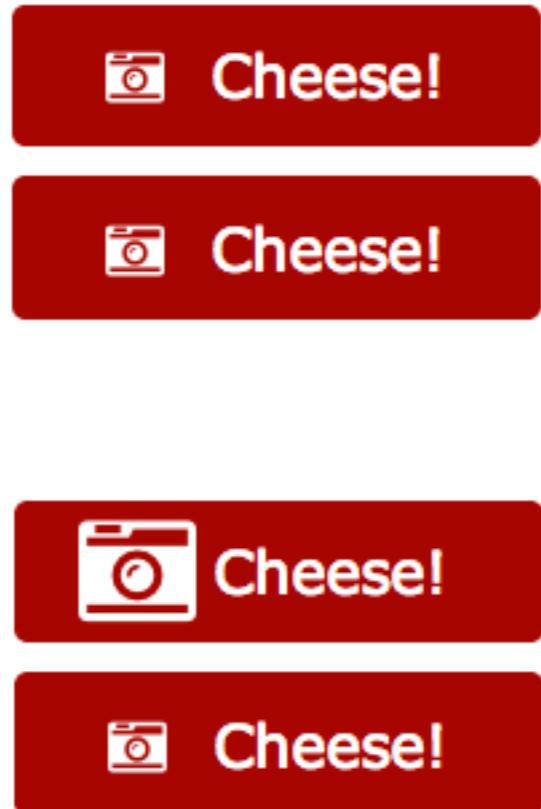
Kontakt

Link

# generierter Content mit a:after



```
#mainnav a {  
    display: block;  
    text-decoration: none;  
    position: relative;  
    top: 10px;  
    padding-left: 1px;  
    -webkit-transition: top 0.2s linear;  
    -moz-transition: top 0.2s linear;  
    -o-transition: top 0.2s linear;  
    transition: top 0.2s linear;  
  
}  
  
#mainnav li a:hover, #mainnav a:focus, #mainnav li.active a {  
    position: relative;  
    top: 0px;  
    text-decoration: none;  
}
```



```
.fa-camera-retro:before {  
    margin-right: 1rem;  
    -webkit-transition: all 0.5s;  
    transition: all 0.5s;  
}  
  
.fa-camera-retro:hover:before,  
.fa-camera-retro:focus:before {  
    -webkit-transform: scale(2);  
    -ms-transform: scale(2);  
    transform: scale(2);  
}  
  
.fa-camera-retro:active:before {  
    -webkit-transform: scale(1);  
    -ms-transform: scale(1);  
    transform: scale(1);  
}
```

```
#Gallery img,  
#Gallery button {  
    -webkit-animation-duration: 1s;  
    -webkit-animation-name: slidein;  
    animation-duration: 1s;  
    animation-name: slidein;  
}  
  
@-webkit-keyframes slidein {  
    from {  
        opacity: 0;  
        -webkit-transform: scale(0);  
    }  
    to {  
        opacity: 1;  
        -webkit-transform: scale(1);  
    }  
}  
  
@keyframes slidein {  
    from {  
        opacity: 0;  
        transform: scale(0);  
    }  
    to {  
        opacity: 1;  
        transform: scale(1);  
    }  
}
```

# Animierbare Eigenschaften

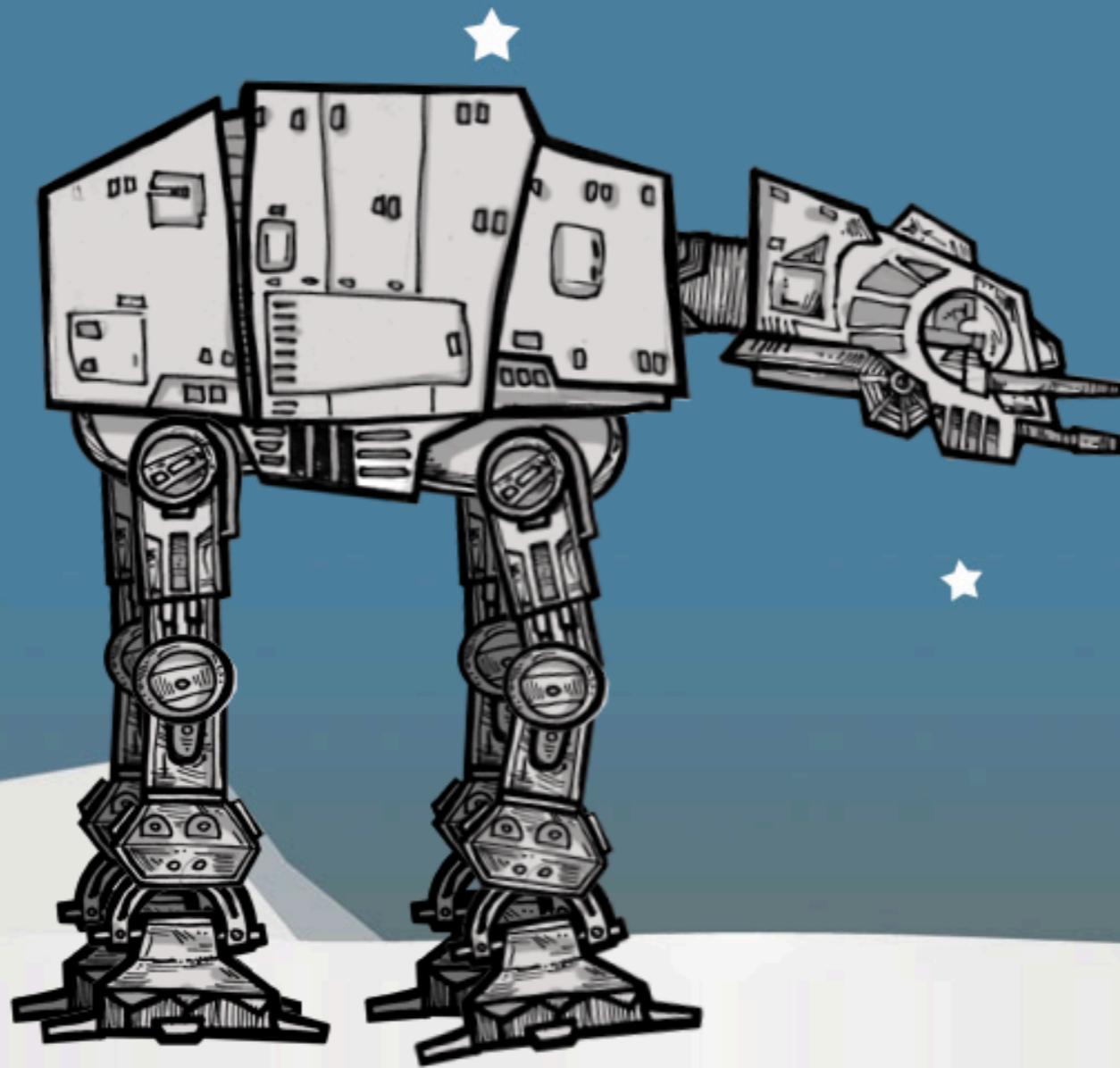
## 7. Animatable properties

### 7.1. Properties from CSS

Property Name	Type
background-color	color
background-image	only gradients
background-position	percentage, length
border-bottom-color	color
border-bottom-width	length
border-color	color
border-left-color	color
border-left-width	length
border-right-color	color
border-right-width	length
border-spacing	length
border-top-color	color
border-top-width	length
border-width	length
bottom	length, percentage
color	color
crop	rectangle
font-size	length, percentage
font-weight	number
grid-*	various
height	length, percentage
left	length, percentage
letter-spacing	length

line-height	number, length, percentage
margin-bottom	length
margin-left	length
margin-right	length
margin-top	length
max-height	length, percentage
max-width	length, percentage
min-height	length, percentage
min-width	length, percentage
opacity	number
outline-color	color
outline-offset	integer
outline-width	length
padding-bottom	length
padding-left	length
padding-right	length
padding-top	length
right	length, percentage
text-indent	length, percentage
text-shadow	shadow
top	length, percentage
vertical-align	keywords, length, percentage
visibility	visibility
width	length, percentage
word-spacing	length, percentage
z-index	integer
zoom	number

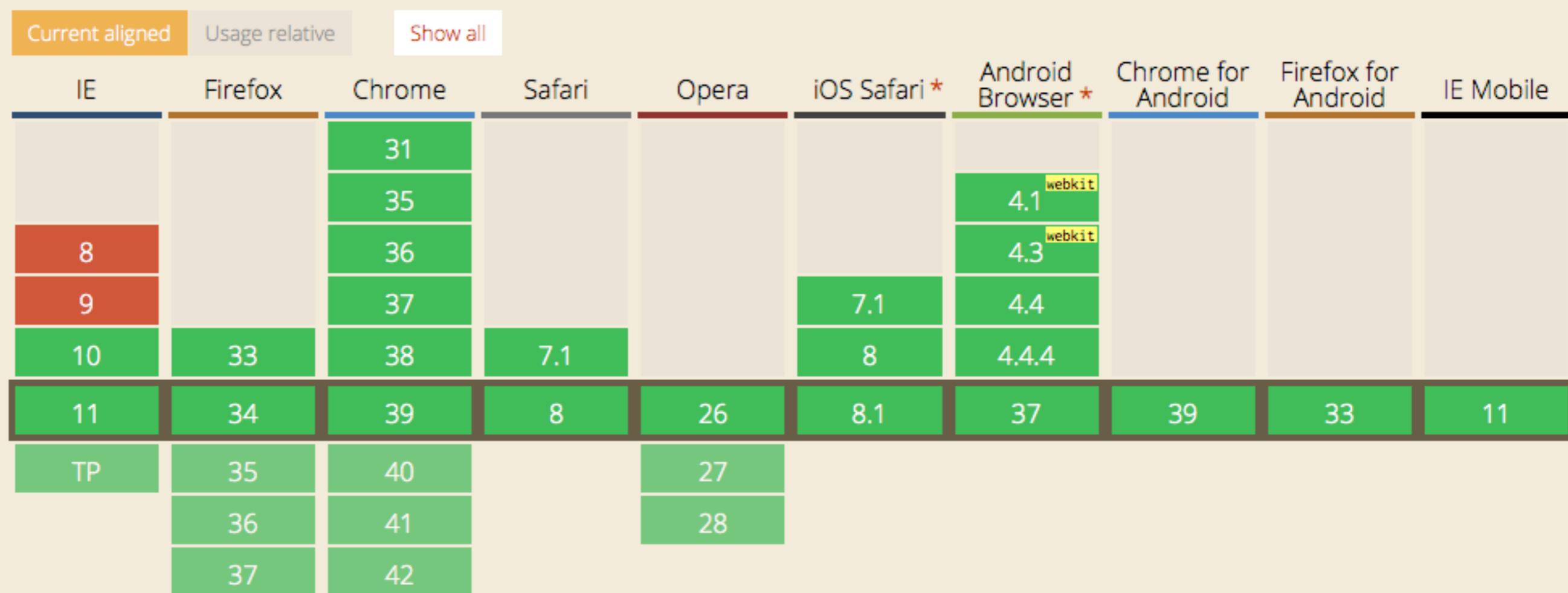
[View the bones!](#) [Hide the bones!](#)



## CSS3 Transitions - WD

Simple method of animating certain properties of an element

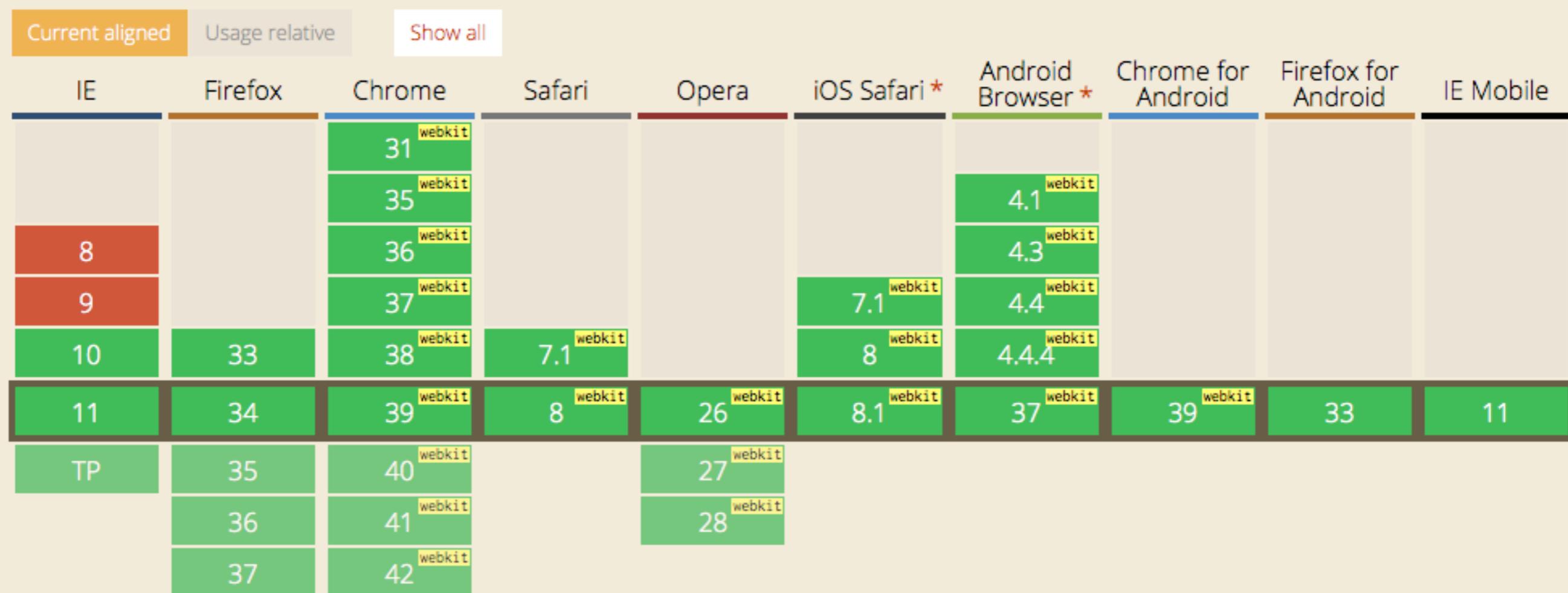
Global 87.11%  
unprefixed: 78.32%  
Germany 95.52%  
unprefixed: 90.18%



## CSS3 Animation 📈 - WD

Complex method of animating certain properties of an element

Global	86.86% + 0.15% = 87.02%
unprefixed:	22.15%
Germany	95.26% + 0.18% = 95.44%
unprefixed:	42.57%





# Jens Grochtdreis

<http://grochtdreis.de>

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<https://speakerdeck.com/flocke>

<http://webkrauts.de>

