

Converting Colors

CIELCh(76, 1.991, 36.242)

Have a look what the booklet for
CIELCh(76, 1.991, 36.242) contains.

CIELCh(76, 1.934, 35.394)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(76, 1.934, 35.394)

Conversions

Conversions Part 1

Format	Color
Hex	BFBAB9
RGB	191, 186, 185
RGB Percent	75%, 73%, 73%
CMY	0.2497, 0.2693, 0.2733
CMYK	0.00, 0.03, 0.03, 0.25
HSL	10°, 5%, 74%
HSV	10°, 3%, 75%
XYZ	47.9841, 49.8872, 53.1761
YIQ	187.3810, 3.3010, 0.7490

Conversions

Conversions Part 2

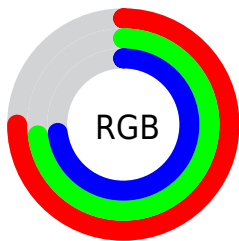
Format	Color
RYB	191, 186, 185
Decimal	12565177
CIELab	76.00, 1.58, 1.12
CIELCh	76, 1.934, 35.394
Yxy	49.8872, 0.3177, 0.3303
Android (android.graphics.Color)	4290755257 (0xFFBFBAB9)
YUV	187.3810, -1.1738, 3.1739
Hunter-Lab	70.6309, -2.3375, 4.8038

Details

The CIELCh color $76, 1.934, 35.394$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $77, 1.899, 216.055$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 1.837, 35.321$, and $56, 2.062, 35.461$ is the 20% darker color. If you saturate the color by 10%, you get $71, 8.436, 35.664$, and if you desaturate by 10%, it is $81, 4.069, 215.955$.

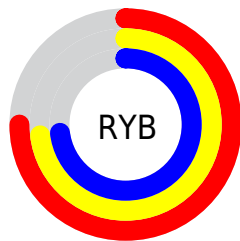
Distribution



Red (75%)

Green (73%)

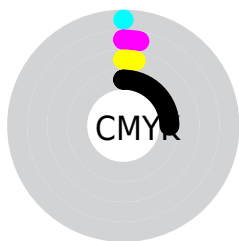
Blue (73%)



Red (75%)

Yellow (73%)

Blue (73%)

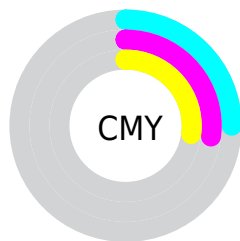


Cyan (0%)

Magenta (3%)

Yellow (3%)

Black (25%)



Cyan (25%)

Magenta (27%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 1.934, 35.394 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 76, 1.934, 35.394 by changing the saturation by 10% instead.

■ 76, 1.934, 35.394

■ 76, 1.934, 35.394

■ 100, 1.934, 35.394

■ 66, 1.934, 35.394

■ 96, 1.934, 35.394

■ 56, 1.934, 35.394

■ 46, 1.934, 35.394

■ 36, 1.934, 35.394

■ 26, 1.934, 35.394

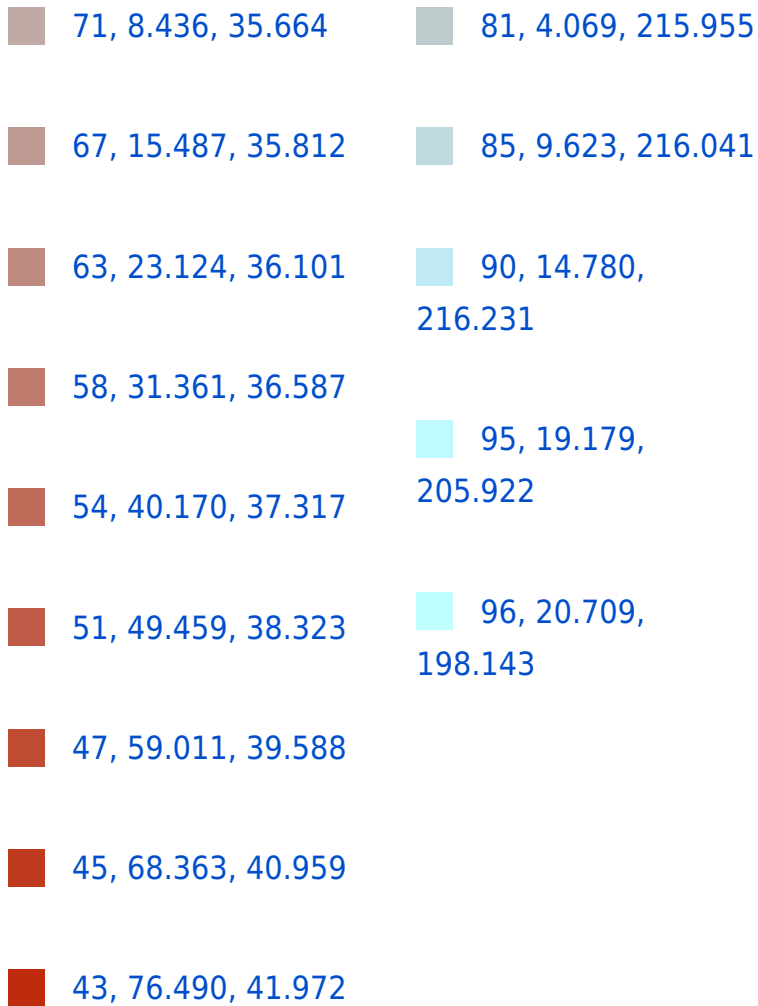
■ 16, 1.934, 35.394

■ 6, 1.934, 35.394

■ 0, 1.934, 35.394

■ 76, 1.934, 35.394

■ 76, 1.934, 35.394



Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



76, 1.934, 35.394



77, 1.899, 216.055

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76, 1.934, 35.394



76, 1.934, 85.394



76, 1.934, 215.394



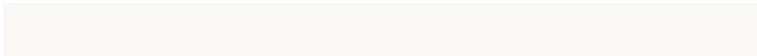
76, 1.934, 265.394

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



76, 1.933, 35.455



98, 0.758, 34.885



76, 3.514, 329.496



52, 0.431, 34.840



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



76, 1.933, 35.455



96, 3.074, 35.514



77, 2.256, 90.641



40, 1.776, 35.540



35, 70.843, 42.735



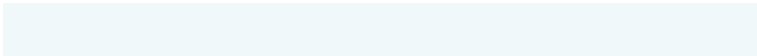
4, 12.632, 29.596

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



77, 1.899, 216.055



97, 3.000, 216.002



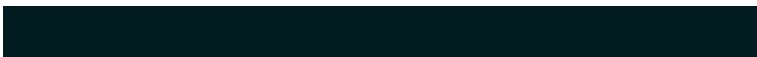
76, 2.271, 271.614



40, 1.727, 215.981



51, 30.820, 228.019



8, 10.558, 221.228

Previews

White Background



This preview shows how the CIELCh color 76, 1.934, 35.394 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 76, 1.934, 35.394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

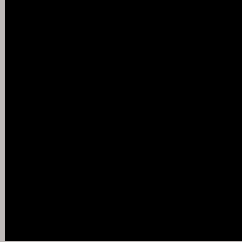
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

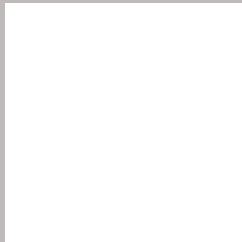
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 1.934, 35.394

Background



This preview shows how black text looks on a background with the CIELCh color 76, 1.934, 35.394.

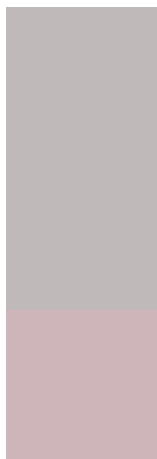


This preview shows how white text looks on a background with the CIELCh color 76, 1.934, 35.394.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color


76, 1.934, 35.394

Protanopia

76, 1.934, 35.394

Deuteranopia

76, 9.810, 4.356



Tritanopia
76, 8.765, 312.779

Trichromacy



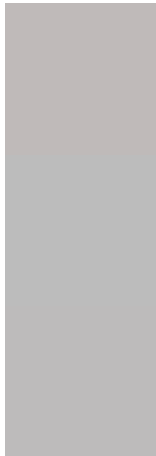
Original Color
76, 1.934, 35.394

Protanomaly
76, 1.934, 35.394

Deuteranomaly
76, 6.961, 6.564

Tritanomaly
76, 5.519, 318.306

Monochromacy



Original Color
76, 1.934, 35.394

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 0.742, 18.758

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 1.934, 35.394 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(191, 186, 185)` looks like.

```
.text, #text, p{  
    color:rgb(191, 186, 185)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(191, 186, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 186, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 1.934, 35.394 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(191, 186, 185) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(191, 186, 185) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(191, 186, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 186, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 186, 185);  
box-shadow:4px 4px 4px 4px rgb(191, 186,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 1.934, 35.394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 186, 185) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(191,  
186, 185) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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