

Converting Colors

CIELCh(78, 1.467, 107.792)

Have a look what the booklet for
CIELCh(78, 1.467, 107.792) contains.

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Color

CIELCh(78, 1.594, 109.992)

Conversions

Conversions Part 1

Format	Color
Hex	C1C1BE
RGB	193, 193, 190
RGB Percent	76%, 76%, 75%
CMY	0.2430, 0.2430, 0.2548
CMYK	0.00, 0.00, 0.02, 0.24
HSL	60°, 2%, 75%
HSV	60°, 2%, 76%
XYZ	50.3726, 53.2120, 56.3471
YIQ	192.6580, 0.9630, -0.9330

Conversions

Conversions Part 2

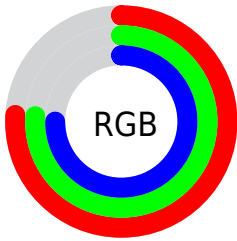
Format	Color
RYB	190, 193, 190
Decimal	12698046
CIELab	78.00, -0.54, 1.50
CIELCh	78, 1.594, 109.992
Yxy	53.2120, 0.3150, 0.3327
Android (android.graphics.Color)	4290888126 (0xFFC1C1BE)
YUV	192.6580, -1.3104, 0.2999
Hunter-Lab	72.9466, -4.3949, 5.2644

Details

The CIELCh color **78, 1.594, 109.992** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77, 1.620, 290.410**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 1.517, 110.012**, and **58, 1.694, 109.951** is the 20% darker color. If you saturate the color by 10%, you get **78, 11.893, 109.117**, and if you desaturate by 10%, it is **79, 8.726, 291.019**.

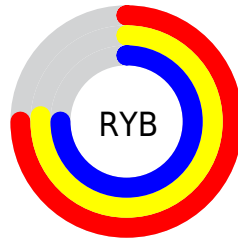
Distribution



Red (76%)

Green (76%)

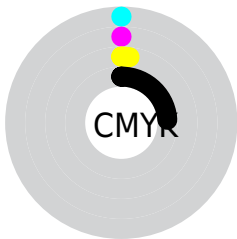
Blue (75%)



Red (75%)

Yellow (76%)

Blue (75%)

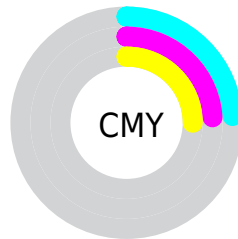


Cyan (0%)

Magenta (0%)

Yellow (2%)

Black (24%)



Cyan (24%)

Magenta (24%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 1.594, 109.992 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 78, 1.594, 109.992 by changing the saturation by 10% instead.

■ 78, 1.594, 109.992

■ 78, 1.594, 109.992

■ 100, 1.594,
109.992

■ 68, 1.594, 109.992

■ 98, 1.594, 109.992

■ 58, 1.594, 109.992

■ 48, 1.594, 109.992

■ 38, 1.594, 109.992

■ 28, 1.594, 109.992

■ 18, 1.594, 109.992

■ 8, 1.594, 109.992

■ 0, 1.594, 109.992

■ 78, 1.594, 109.992

■ 78, 1.594, 109.992

78, 11.893,
109.117

79, 8.726, 291.019

77, 22.114,
108.157

79, 19.039,
291.921

77, 32.179,
107.201

80, 29.317,
292.791

76, 41.968,
106.272

80, 33.066,
293.108

76, 51.290,
105.393

80, 33.066,
293.120

76, 59.861,
104.596

80, 33.066,
293.133

76, 67.284,
103.918

80, 33.066,
293.145

76, 73.079,
103.401

80, 33.066,
293.157

76, 76.825,

80, 33.066,
293.170

Harmonies

Complementary

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



78, 1.594, 109.992



77, 1.620, 290.410

Rectangle

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



78, 1.594, 109.992



78, 1.594, 159.992



78, 1.594, 289.992



78, 1.594, 339.992

Sweetspot

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



78, 1.596, 110.038



98, 0.011, 296.813



77, 1.112, 19.016



52, 0.007, 296.813



99, 0.012, 296.813

Same Dimension

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



78, 1.596, 110.038



98, 2.533, 110.002



78, 1.696, 129.070



41, 1.168, 110.014



64, 68.600, 102.923



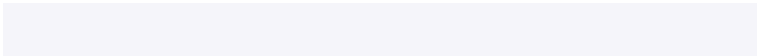
12, 18.617, 106.786

Inverse Universe

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



77, 1.620, 290.410



97, 2.567, 290.448



77, 1.718, 309.068



40, 1.184, 290.435



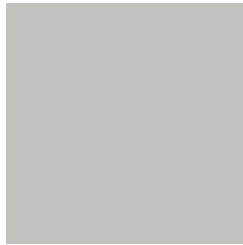
18, 94.717, 306.291



1, 19.479, 291.166

Previews

White Background



This preview shows how the CIELCh color 78, 1.594, 109.992 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 78, 1.594, 109.992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

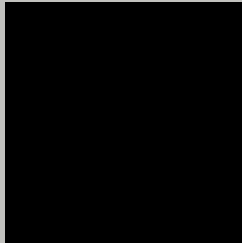
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

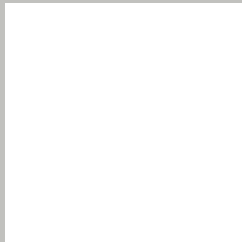
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 1.594, 109.992

Background



This preview shows how black text looks on a background with the CIELCh color 78, 1.594, 109.992.



This preview shows how white text looks on a background with the CIELCh color 78, 1.594, 109.992.

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
78, 1.594, 109.992

Protanopia
78, 2.439, 60.283

Deuteranopia
78, 9.633, 7.384



Tritanopia
78, 8.191, 300.989

Trichromacy



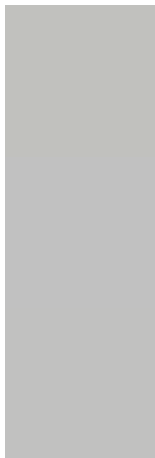
Original Color
78, 1.594, 109.992

Protanomaly
78, 2.170, 66.735

Deuteranomaly
78, 6.077, 9.710

Tritanomaly
78, 4.362, 300.151

Monochromacy



Original Color
78, 1.594, 109.992

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 0.525, 110.010

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 1.594, 109.992 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(193, 193, 190)` looks like.

```
.text, #text, p{  
    color:rgb(193, 193, 190)  
}
```

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(193, 193, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 193, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 1.594, 109.992 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(193, 193, 190) }
```

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

```
.border{ border-color:rgb(193, 193, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 193, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 193, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 193, 190);  
box-shadow:4px 4px 4px 4px rgb(193, 193,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 1.594, 109.992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 193, 190) }
```

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

```
.background{ background-color: rgb(193,  
193, 190) }
```

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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