

Converting Colors

CIELCh(78, 1.079, 110.334)

Have a look what the booklet for
CIELCh(78, 1.079, 110.334) contains.

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Color

CIELCh(78, 1.060, 110.021)

Conversions

Conversions Part 1

Format	Color
Hex	C1C1BF
RGB	193, 193, 191
RGB Percent	76%, 76%, 75%
CMY	0.2433, 0.2433, 0.2511
CMYK	0.00, 0.00, 0.01, 0.24
HSL	60°, 2%, 75%
HSV	60°, 1%, 76%
XYZ	50.4406, 53.2120, 56.8772
YIQ	192.7720, 0.6420, -0.6220

Conversions

Conversions Part 2

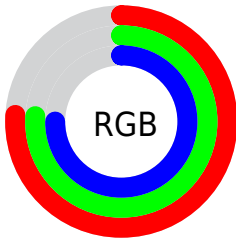
Format	Color
RYB	191, 193, 191
Decimal	12698047
CIELab	78.00, -0.36, 1.00
CIElCh	78, 1.060, 110.021
Yxy	53.2120, 0.3142, 0.3315
Android (android.graphics.Color)	4290888127 (0xFFC1C1BF)
YUV	192.7720, -0.8736, 0.2000
Hunter-Lab	72.9466, -4.2284, 4.8335

Details

The CIELCh color **78, 1.060, 110.021** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77, 1.083, 290.401**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 1.008, 110.026**, and **58, 1.127, 110.003** is the 20% darker color. If you saturate the color by 10%, you get **78, 11.358, 109.189**, and if you desaturate by 10%, it is **79, 9.257, 291.087**.

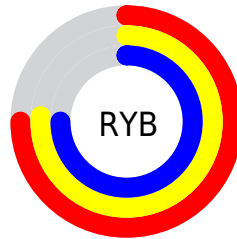
Distribution



Red (76%)

Green (76%)

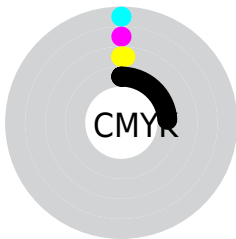
Blue (75%)



Red (75%)

Yellow (76%)

Blue (75%)

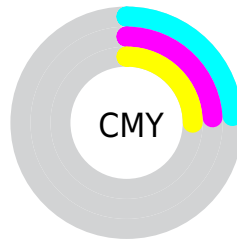


Cyan (0%)

Magenta (0%)

Yellow (1%)

Black (24%)



Cyan (24%)

Magenta (24%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 1.060, 110.021 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, 1.060, 110.021 by changing the saturation by 10% instead.

■ 78, 1.060, 110.021

■ 78, 1.060, 110.021

100, 1.060,
110.021

■ 68, 1.060, 110.021

■ 98, 1.060, 110.021

■ 58, 1.060, 110.021

■ 48, 1.060, 110.021

■ 38, 1.060, 110.021

■ 28, 1.060, 110.021

■ 18, 1.060, 110.021

■ 8, 1.060, 110.021

■ 0, 1.060, 110.021

■ 78, 1.060, 110.021

■ 78, 1.060, 110.021

78, 11.358,
109.189

79, 9.257, 291.087

77, 21.582,
108.230

79, 19.566,
291.987

77, 31.655,
107.275

80, 29.839,
292.855

76, 41.459,
106.344

80, 33.106,
293.136

76, 50.808,
105.463

80, 33.106,
293.154

76, 59.424,
104.662

80, 33.106,
293.172

76, 66.917,
103.978

80, 33.106,
293.190

76, 72.806,
103.454

80, 33.106,
293.208

76, 76.664,

80, 33.106,
293.226

Harmonies

Complementary

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



78, 1.060, 110.021



77, 1.083, 290.401

Rectangle

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



78, 1.060, 110.021



78, 1.060, 160.021



78, 1.060, 290.021



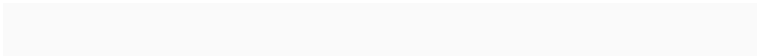
78, 1.060, 340.021

Sweetspot

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



78, 1.062, 110.089



98, 0.011, 296.813



77, 0.741, 18.745



52, 0.007, 296.813



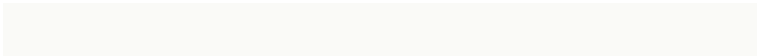
99, 0.012, 296.813

Same Dimension

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



78, 1.062, 110.089



98, 1.261, 110.090



78, 1.129, 129.126



41, 0.581, 110.093



64, 68.600, 102.957



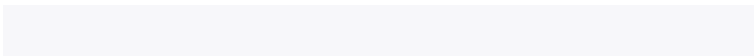
12, 18.617, 106.820

Inverse Universe

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



77, 1.083, 290.401



97, 1.287, 290.400



77, 1.148, 309.013



41, 0.594, 290.398



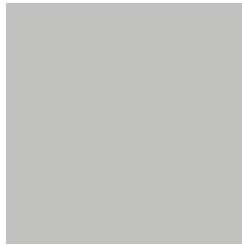
18, 94.714, 306.293



1, 19.480, 291.181

Previews

White Background



This preview shows how the CIELCh color 78, 1.060, 110.021 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, 1.060, 110.021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

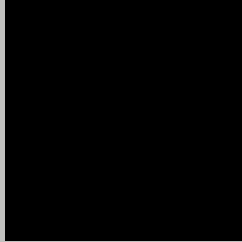
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

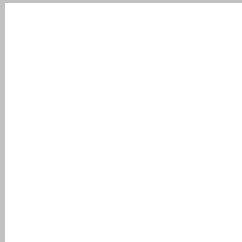
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 1.060, 110.021

Background



This preview shows how black text looks on a background with the CIELCh color 78, 1.060, 110.021.



This preview shows how white text looks on a background with the CIELCh color 78, 1.060, 110.021.

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, 1.060, 110.021

Protanopia

78, 2.130, 49.342

Deuteranopia

78, 9.385, 3.647



Tritanopia
78, 8.191, 300.989

Trichromacy



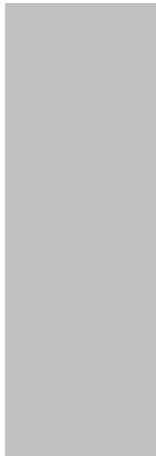
Original Color
78, 1.060, 110.021

Protanomaly
78, 1.815, 55.193

Deuteranomaly
78, 5.824, 3.838

Tritanomaly
78, 4.891, 299.138

Monochromacy



Original Color
78, 1.060, 110.021

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, 1.060, 110.021 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, 191)` looks like.

```
.text, #text, p{  
    color:rgb(193, 193, 191)  
}
```

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, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 193, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 1.060, 110.021 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, 191) }
```

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

```
.border{ border-color:rgb(193, 193, 191) }
```

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, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 193, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 193, 191);  
box-shadow:4px 4px 4px 4px rgb(193, 193,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 1.060, 110.021 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, 191) }
```

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

```
.background{ background-color: rgb(193,  
193, 191) }
```

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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