

Converting Colors

CIELCh(78, 3.066, 109.875)

Have a look what the booklet for
CIELCh(78, 3.066, 109.875) contains.

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Color

CIELCh(78, 3.197, 109.864)

Conversions

Conversions Part 1

Format	Color
Hex	C1C1BB
RGB	193, 193, 187
RGB Percent	76%, 76%, 73%
CMY	0.2422, 0.2422, 0.2657
CMYK	0.00, 0.00, 0.03, 0.24
HSL	60°, 5%, 75%
HSV	60°, 3%, 76%
XYZ	50.1707, 53.2120, 54.7736
YIQ	192.3160, 1.9260, -1.8660

Conversions

Conversions Part 2

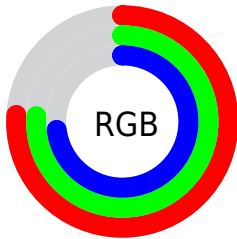
Format	Color
RYB	187, 193, 187
Decimal	12698043
CIELab	78.00, -1.09, 3.01
CIELCh	78, 3.197, 109.864
Yxy	53.2120, 0.3172, 0.3365
Android (android.graphics.Color)	4290888123 (0xFFC1C1BB)
YUV	192.3160, -2.6208, 0.5999
Hunter-Lab	72.9466, -4.8889, 6.5434

Details

The CIELCh color **78, 3.197, 109.864** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76, 3.238, 290.521**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 3.046, 109.921**, and **58, 3.394, 109.767** is the 20% darker color. If you saturate the color by 10%, you get **78, 13.497, 108.945**, and if you desaturate by 10%, it is **79, 7.131, 290.855**.

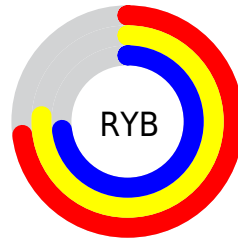
Distribution



Red (76%)

Green (76%)

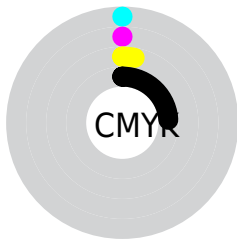
Blue (73%)



Red (73%)

Yellow (76%)

Blue (73%)

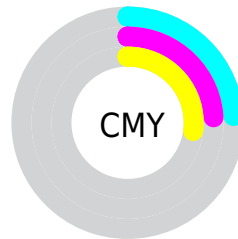


Cyan (0%)

Magenta (0%)

Yellow (3%)

Black (24%)



Cyan (24%)

Magenta (24%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 3.197, 109.864 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, 3.197, 109.864 by changing the saturation by 10% instead.

■ 78, 3.197, 109.864

■ 78, 3.197, 109.864

■ 100, 3.197,
109.864

■ 68, 3.197, 109.864

■ 98, 3.197, 109.864

■ 58, 3.197, 109.864

■ 48, 3.197, 109.864

■ 38, 3.197, 109.864

■ 28, 3.197, 109.864

■ 18, 3.197, 109.864

■ 8, 3.197, 109.864

■ 0, 3.197, 109.864

■ 78, 3.197, 109.864

■ 78, 3.197, 109.864

78, 13.497,
108.945

79, 7.131, 290.855

77, 23.709,
107.983

79, 17.456,
291.762

77, 33.750,
107.029

80, 27.750,
292.639

77, 43.489,
106.105

80, 32.947,
293.072

76, 52.724,
105.235

80, 32.947,
293.078

76, 61.153,
104.453

80, 32.947,
293.085

76, 68.362,
103.797

80, 32.947,
293.091

76, 73.865,
103.306

80, 32.947,
293.097

76, 77.274,

80, 32.947,
293.104

Harmonies

Complementary

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



78, 3.197, 109.864



76, 3.238, 290.521

Rectangle

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



78, 3.197, 109.864



78, 3.197, 159.864



78, 3.197, 289.864



78, 3.197, 339.864

Sweetspot

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



78, 3.199, 109.888



99, 1.272, 110.045



76, 2.235, 19.350



53, 0.729, 110.047



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 3.199, 109.888



99, 5.119, 109.801



78, 3.402, 128.969



41, 2.927, 109.744



64, 68.600, 102.888



12, 18.617, 106.751

Inverse Universe

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



76, 3.238, 290.521



96, 5.185, 290.612



76, 3.433, 309.169



39, 2.967, 290.673



18, 94.720, 306.289



1, 19.479, 291.150

Previews

White Background



This preview shows how the CIELCh color 78, 3.197, 109.864 looks on a white background.

Color Contrast Check

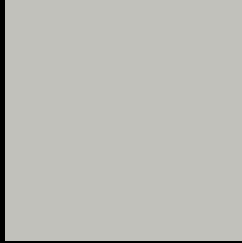
Large Text (above 18pt) WCAG AA × Fail

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, 3.197, 109.864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

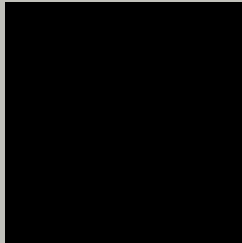
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

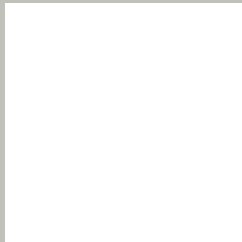
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 3.197, 109.864

Background



This preview shows how black text looks on a background with the CIELCh color 78, 3.197, 109.864.



This preview shows how white text looks on a background with the CIELCh color 78, 3.197, 109.864.

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, 3.197, 109.864

Protanopia

78, 3.894, 74.596

Deuteranopia

78, 10.312, 11.308



Tritanopia
78, 8.363, 305.856

Trichromacy



Original Color
78, 3.197, 109.864

Protanomaly
78, 3.519, 84.702

Deuteranomaly
78, 6.411, 24.594

Tritanomaly
78, 4.552, 309.217

Monochromacy



Original Color
78, 3.197, 109.864

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 1.060, 110.021

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 3.197, 109.864 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, 187)` looks like.

```
.text, #text, p{  
    color:rgb(193, 193, 187)  
}
```

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, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 193, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 3.197, 109.864 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, 187) }
```

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

```
.border{ border-color:rgb(193, 193, 187) }
```

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, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 193, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 193, 187);  
box-shadow:4px 4px 4px 4px rgb(193, 193,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 3.197, 109.864 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, 187) }
```

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

```
.background{ background-color: rgb(193,  
193, 187) }
```

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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