

Converting Colors

CIE LCh(78, 7.103, 108.776)

Have a look what the booklet for
CIELCh(78, 7.103, 108.776) contains.

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Color

CIELCh(78, 7.461, 109.483)

Conversions

Conversions Part 1

Format	Color
Hex	C2C2B4
RGB	194, 194, 180
RGB Percent	76%, 76%, 71%
CMY	0.2401, 0.2401, 0.2950
CMYK	0.00, 0.00, 0.07, 0.24
HSL	60°, 10%, 73%
HSV	60°, 7%, 76%
XYZ	49.6502, 53.2120, 50.7179
YIQ	192.4040, 4.4940, -4.3540

Conversions

Conversions Part 2

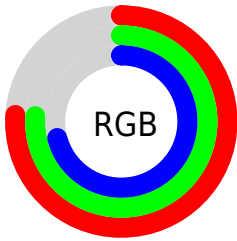
Format	Color
RYB	180, 194, 180
Decimal	12763828
CIELab	78.00, -2.49, 7.03
CIELCh	78, 7.461, 109.483
Yxy	53.2120, 0.3233, 0.3465
Android (android.graphics.Color)	4290953908 (0xFFC2C2B4)
YUV	192.4040, -6.1152, 1.3997
Hunter-Lab	72.9466, -6.1625, 9.8398

Details

The CIELCh color **78, 7.461, 109.483** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74, 7.596, 290.922**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 7.118, 106.742**, and **58, 7.356, 109.308** is the 20% darker color. If you saturate the color by 10%, you get **78, 17.757, 108.536**, and if you desaturate by 10%, it is **78, 2.883, 290.473**.

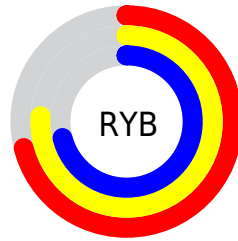
Distribution



Red (76%)

Green (76%)

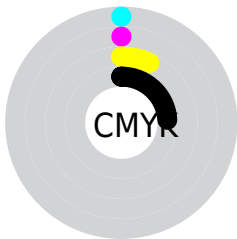
Blue (71%)



Red (71%)

Yellow (76%)

Blue (71%)

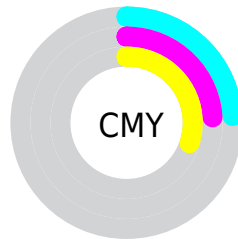


Cyan (0%)

Magenta (0%)

Yellow (7%)

Black (24%)



Cyan (24%)

Magenta (24%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 7.461, 109.483 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, 7.461, 109.483 by changing the saturation by 10% instead.

■ 78, 7.461, 109.483

■ 78, 7.461, 109.483

■ 100, 7.461,
109.483

■ 68, 7.461, 109.483

■ 98, 7.461, 109.483

■ 58, 7.461, 109.483

■ 48, 7.461, 109.483

■ 38, 7.461, 109.483

■ 28, 7.461, 109.483

■ 18, 7.461, 109.483

■ 8, 7.461, 109.483

■ 0, 7.461, 109.483

■ 78, 7.461, 109.483

■ 78, 7.461, 109.483

78, 17.757,
108.536

78, 2.883, 290.473

77, 27.934,
107.575

79, 13.237,
291.381

77, 37.892,
106.630

80, 23.570,
292.272

77, 47.475,
105.724

80, 32.643,
293.029

76, 56.440,
104.885

80, 32.643,
293.032

76, 64.440,
104.150

80, 32.643,
293.035

76, 71.018,
103.556

80, 32.644,
293.038

76, 75.698,
103.142

80, 32.644,
293.042

76, 78.275,

80, 32.644,
293.045

Harmonies

Complementary

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



78, 7.461, 109.483



74, 7.596, 290.922

Rectangle

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



78, 7.461, 109.483



78, 7.461, 159.483



78, 7.461, 289.483



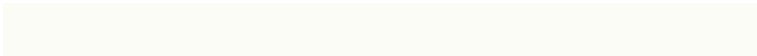
78, 7.461, 339.483

Sweetspot

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



78, 7.463, 109.494



99, 2.554, 109.967



74, 5.292, 19.750



53, 1.464, 109.975



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, 7.463, 109.494



99, 11.522, 109.312



77, 7.948, 128.768



41, 5.855, 109.290



64, 68.600, 102.870



12, 18.617, 106.733

Inverse Universe

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



74, 7.596, 290.922



92, 11.770, 291.128



74, 8.038, 309.372



37, 5.984, 291.152



18, 94.722, 306.288



1, 19.479, 291.142

Previews

White Background



This preview shows how the CIELCh color 78, 7.461, 109.483 looks on a white background.

Color Contrast Check

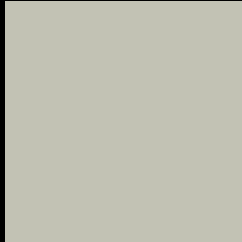
Large Text (above 18pt) WCAG AA × Fail

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, 7.461, 109.483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

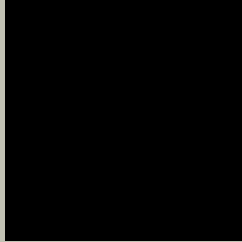
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

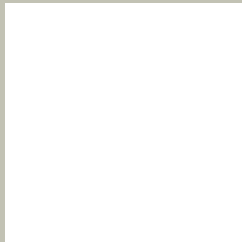
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 7.461, 109.483

Background



This preview shows how black text looks on a background with the CIELCh color 78, 7.461, 109.483.




This preview shows how white text looks on a background with the CIELCh color 78, 7.461, 109.483.

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





Tritanopia
78, 8.466, 308.217

Trichromacy



Original Color
78, 7.461, 109.483

Protanomaly
78, 7.607, 97.968

Deuteranomaly
78, 8.416, 50.228

Tritanomaly
78, 3.271, 324.503

Monochromacy



Original Color
78, 7.461, 109.483

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 2.663, 109.909

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 7.461, 109.483 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(194, 194, 180)` looks like.

```
.text, #text, p{  
    color:rgb(194, 194, 180)  
}
```

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(194, 194, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 194, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 7.461, 109.483 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(194, 194, 180) }
```

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

```
.border{ border-color:rgb(194, 194, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 194, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 194, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 194, 180);  
box-shadow:4px 4px 4px 4px rgb(194, 194,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 7.461, 109.483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 194, 180) }
```

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

```
.background{ background-color: rgb(194,  
194, 180) }
```

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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