

Converting Colors

CIELCh(57, 22.346, 8.680)

Have a look what the booklet for
CIELCh(57, 22.346, 8.680) contains.

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Color

CIELCh(57, 22.219, 8.841)

Conversions

Conversions Part 1

Format	Color
Hex	B07B84
RGB	176, 123, 132
RGB Percent	69%, 48%, 52%
CMY	0.3113, 0.5190, 0.4837
CMYK	0.00, 0.30, 0.25, 0.31
HSL	350°, 25%, 58%
HSV	350°, 30%, 69%
XYZ	29.0008, 24.9227, 24.9871
YIQ	139.8730, 28.6990, 14.0350

Conversions

Conversions Part 2

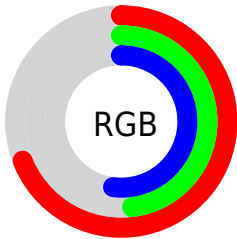
Format	Color
RYB	176, 123, 132
Decimal	11565956
CIELab	57.00, 21.96, 3.41
CIELCh	57, 22.219, 8.841
Yxy	24.9227, 0.3675, 0.3158
Android (android.graphics.Color)	4289756036 (0xFFB07B84)
YUV	139.8730, -3.8814, 31.6834
Hunter-Lab	49.9226, 16.3288, 5.2702

Details

The CIELCh color **57, 22.219, 8.841** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **68, 19.398, 182.921**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 22.344, 9.046**, and **37, 21.923, 8.737** is the 20% darker color. If you saturate the color by 10%, you get **53, 30.201, 10.431**, and if you desaturate by 10%, it is **62, 14.487, 7.543**.

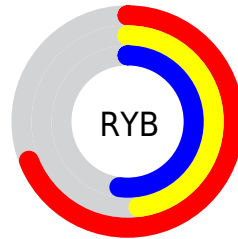
Distribution



Red (69%)

Green (48%)

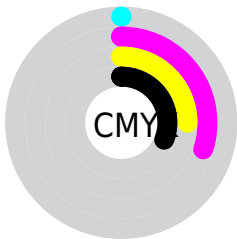
Blue (52%)



Red (69%)

Yellow (48%)

Blue (52%)

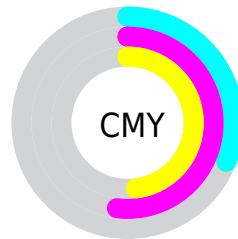


Cyan (0%)

Magenta (30%)

Yellow (25%)

Black (31%)



Cyan (31%)

Magenta (52%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 22.219, 8.841 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 57, 22.219, 8.841 by changing the saturation by 10% instead.

 57, 22.219, 8.841  57, 22.219, 8.841

 100, 22.219, 8.841  47, 22.219, 8.841


 77, 22.219, 8.841  37, 22.219, 8.841

 87, 22.219, 8.841  27, 22.219, 8.841

 97, 22.219, 8.841  17, 22.219, 8.841

 7, 22.219, 8.841

 0, 22.219, 8.841

 57, 22.219, 8.841  57, 22.219, 8.841

 53, 30.201, 10.431  62, 14.487, 7.543

 48, 38.275, 12.402  67, 7.105, 6.436

45, 46.194, 14.885

72, 0.112, 1.396

41, 53.666, 18.022

77, 6.487, 184.888

39, 60.427, 21.931

82, 12.709,
184.173

37, 66.337, 26.599

87, 18.579,
183.562

37, 71.529, 31.416

92, 24.130,
183.023

95, 25.885,
190.092

95, 25.213,
197.863

Harmonies

Complementary

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



57, 22.219, 8.841



68, 19.398, 182.921

Rectangle

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



57, 22.219, 8.841



57, 22.219, 58.841



57, 22.219, 188.841



57, 22.219, 238.841

Sweetspot

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



57, 22.217, 8.845



86, 7.801, 6.331



57, 33.969, 320.639



44, 5.437, 6.481



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



57, 22.217, 8.845



70, 33.427, 9.834



61, 18.097, 51.619



34, 3.908, 6.345



31, 63.399, 30.702



2, 7.979, 8.044

Inverse Universe

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



57, 22.217, 8.845



70, 33.427, 9.834



63, 15.221, 236.806



34, 3.908, 6.345



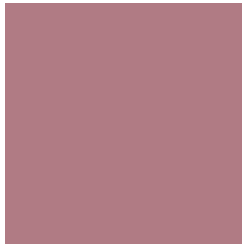
31, 63.399, 30.702



2, 7.979, 8.044

Previews

White Background



This preview shows how the CIELCh color 57, 22.219, 8.841 looks on a white background.

Color Contrast Check

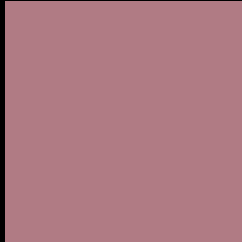
Large Text (above 18pt) WCAG AA ✓ Pass

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 57, 22.219, 8.841 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 × Fail

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

CIELCh 57, 22.219, 8.841

Background



This preview shows how black text looks on a background with the CIELCh color 57, 22.219, 8.841.



This preview shows how white text looks on a background with the CIELCh color 57, 22.219, 8.841.

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


57, 22.219, 8.841

Protanopia

57, 2.091, 324.462

Deuteranopia

57, 8.622, 27.772



Tritanopia
57, 22.219, 8.841

Trichromacy



Original Color
57, 22.219, 8.841

Protanomaly
57, 8.869, 1.667

Deuteranomaly
57, 13.108, 15.864

Tritanomaly
57, 22.219, 8.841

Monochromacy



Original Color
57, 22.219, 8.841

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 7.781, 7.584

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 22.219, 8.841 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(176, 123, 132)` looks like.

```
.text, #text, p{  
    color:rgb(176, 123, 132)  
}
```

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(176, 123, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 123, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 22.219, 8.841 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(176, 123, 132) }
```

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

```
.border{ border-color:rgb(176, 123, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 123, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 123, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 123, 132); box-shadow:4px 4px 4px 4px rgb(176, 123, 132) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 22.219, 8.841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 123, 132) }
```

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

```
.background{ background-color: rgb(176,  
123, 132) }
```

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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