

Converting Colors

CIELCh(57, 27.382, 41.036)

Have a look what the booklet for
CIELCh(57, 27.382, 41.036) contains.

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Color

CIELCh(57, 27.300, 40.985)

Conversions

Conversions Part 1

Format	Color
Hex	B57B6B
RGB	181, 123, 107
RGB Percent	71%, 48%, 42%
CMY	0.2916, 0.5189, 0.5816
CMYK	0.00, 0.32, 0.41, 0.29
HSL	13°, 33%, 56%
HSV	13°, 41%, 71%
XYZ	28.6541, 24.9227, 17.1247
YIQ	138.5180, 39.7040, 7.3200

Conversions

Conversions Part 2

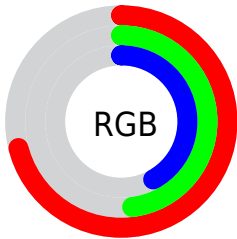
Format	Color
R_{YB}	181, 127, 107
Decimal	11893611
CIE _{Lab}	57.00, 20.61, 17.91
CIE _{LCh}	57, 27.300, 40.985
Yxy	24.9227, 0.4053, 0.3525
Android (android.graphics.Color)	4290083691 (0xFFB57B6B)
YUV	138.5180, -15.5384, 37.2567
Hunter-Lab	49.9226, 15.0892, 14.6079

Details

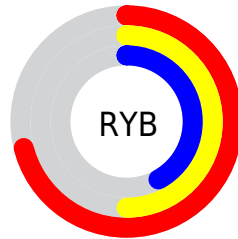
The CIELCh color $57, 27.300, 40.985$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $64, 20.426, 224.084$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 27.544, 41.490$, and $37, 27.131, 40.923$ is the 20% darker color. If you saturate the color by 10%, you get $53, 35.352, 41.294$, and if you desaturate by 10%, it is $61, 19.801, 40.871$.

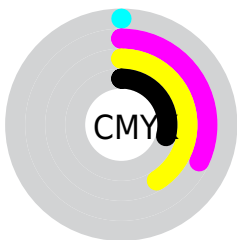
Distribution



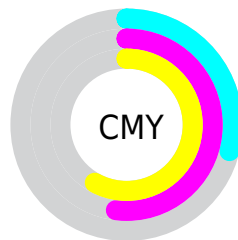
- Red (71%)
- Green (48%)
- Blue (42%)



- Red (71%)
- Yellow (50%)
- Blue (42%)



- Cyan (0%)
- Magenta (32%)
- Yellow (41%)
- Black (29%)



- Cyan (29%)
- Magenta (52%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 27.300, 40.985 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, 27.300, 40.985 by changing the saturation by 10% instead.

■ 57, 27.300, 40.985

■ 57, 27.300, 40.985

■ 100, 27.300,
40.985

■ 47, 27.300, 40.985

■ 77, 27.300, 40.985

■ 37, 27.300, 40.985

■ 87, 27.300, 40.985

■ 27, 27.300, 40.985

■ 97, 27.300, 40.985

■ 17, 27.300, 40.985

■ 7, 27.300, 40.985

■ 0, 27.300, 40.985

■ 57, 27.300, 40.985

■ 57, 27.300, 40.985

■ 53, 35.352, 41.294

■ 61, 19.801, 40.871

■ 50, 43.909, 41.806

■ 65, 12.861, 40.899

47, 52.819, 42.512

69, 6.452, 41.023

44, 61.735, 43.302

73, 0.531, 40.415

42, 69.881, 43.834

77, 4.949, 221.779

40, 76.030, 44.067

82, 10.036,
222.100

86, 14.776,
222.488

90, 19.212,
222.906

94, 22.281,
204.599

Harmonies

Complementary

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



57, 27.300, 40.985



64, 20.426, 224.084

Rectangle

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



57, 27.300, 40.985



57, 27.300, 90.985



57, 27.300, 220.985



57, 27.300, 270.985

Sweetspot

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



57, 27.299, 40.990



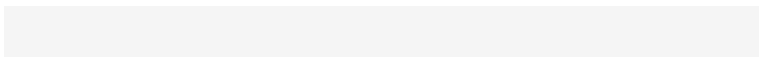
87, 8.796, 41.005



55, 42.770, 333.182



45, 5.860, 40.987



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



57, 27.299, 40.990



69, 41.871, 41.250



66, 30.029, 88.500



36, 3.286, 41.045



34, 66.849, 44.320



3, 7.915, 35.718

Inverse Universe

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



64, 20.426, 224.084



80, 29.014, 225.236



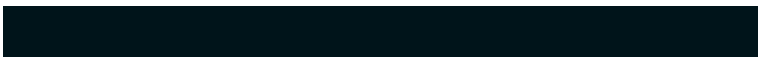
54, 30.331, 280.404



37, 3.106, 221.808



47, 30.236, 238.422



5, 7.486, 231.800

Previews

White Background



This preview shows how the CIELCh color 57, 27.300, 40.985 looks on a white background.

Color Contrast Check

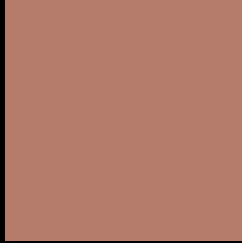
Large Text (above 18pt) WCAG AA ✓ Pass

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, 27.300, 40.985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

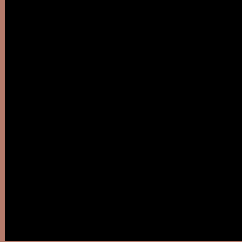
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 27.300, 40.985

Background



This preview shows how black text looks on a background with the CIELCh color 57, 27.300, 40.985.



This preview shows how white text looks on a background with the CIELCh color 57, 27.300, 40.985.

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, 27.300, 40.985

Protanopia

57, 14.012, 94.645

Deuteranopia

57, 20.042, 69.316



Tritanopia
57, 26.413, 11.555

Trichromacy



Original Color
57, 27.300, 40.985

Protanomaly
57, 16.453, 66.123

Deuteranomaly
57, 21.736, 57.132

Tritanomaly
57, 25.786, 22.314

Monochromacy



Original Color
57, 27.300, 40.985

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 9.483, 37.590

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 27.300, 40.985 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(181, 123, 107)` looks like.

```
.text, #text, p{  
    color:rgb(181, 123, 107)  
}
```

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(181, 123, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 123, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 27.300, 40.985 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(181, 123, 107) }
```

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

```
.border{ border-color:rgb(181, 123, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 123, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 123, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 123, 107);  
box-shadow:4px 4px 4px 4px rgb(181, 123,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 27.300, 40.985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 123, 107) }
```

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

```
.background{ background-color: rgb(181,  
123, 107) }
```

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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