

Converting Colors

CIELCh(57, 29.119, 16.333)

Have a look what the booklet for
CIELCh(57, 29.119, 16.333) contains.

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Color

CIELCh(57, 28.997, 16.230)

Conversions

Conversions Part 1

Format	Color
Hex	BB767C
RGB	187, 118, 124
RGB Percent	73%, 46%, 49%
CMY	0.2673, 0.5378, 0.5142
CMYK	0.00, 0.37, 0.34, 0.27
HSL	355°, 34%, 60%
HSV	355°, 37%, 73%
XYZ	30.5490, 24.9227, 22.2247
YIQ	139.3150, 39.1980, 16.4940

Conversions

Conversions Part 2

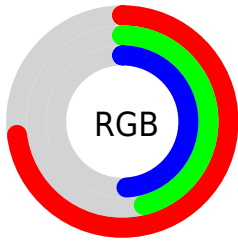
Format	Color
R _Y B	187, 118, 124
Decimal	12285564
CIE Lab	57.00, 27.84, 8.10
CIE LCh	57, 28.997, 16.230
Yxy	24.9227, 0.3932, 0.3208
Android (android.graphics.Color)	4290475644 (0xFFBB767C)
YUV	139.3150, -7.5503, 41.8197
Hunter-Lab	49.9226, 21.8644, 8.5509

Details

The CIELCh color **57, 28.997, 16.230** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **71, 23.436, 189.480**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 29.063, 16.800**, and **37, 29.304, 16.391** is the 20% darker color. If you saturate the color by 10%, you get **52, 37.762, 18.042**, and if you desaturate by 10%, it is **62, 20.534, 14.802**.

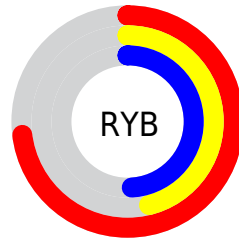
Distribution



Red (73%)

Green (46%)

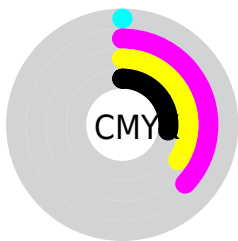
Blue (49%)



Red (73%)

Yellow (46%)

Blue (49%)

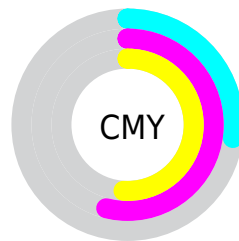


Cyan (0%)

Magenta (37%)

Yellow (34%)

Black (27%)



Cyan (27%)

Magenta (54%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 28.997, 16.230 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, 28.997, 16.230 by changing the saturation by 10% instead.

■ 57, 28.997, 16.230

■ 57, 28.997, 16.230

■ 100, 28.997,
16.230

■ 47, 28.997, 16.230

■ 77, 28.997, 16.230

■ 37, 28.997, 16.230

■ 87, 28.997, 16.230

■ 27, 28.997, 16.230

■ 97, 28.997, 16.230

■ 17, 28.997, 16.230

■ 7, 28.997, 16.230

■ 0, 28.997, 16.230

■ 57, 28.997, 16.230

■ 57, 28.997, 16.230

■ 52, 37.762, 18.042

■ 62, 20.534, 14.802

■ 48, 46.634, 20.345

■ 67, 12.499, 13.646

■ 45, 55.339, 23.268

■ 72, 4.944, 12.657

■ 42, 63.578, 26.891

■ 77, 2.125, 192.237

■ 40, 71.061, 31.123

■ 83, 8.729, 191.414

■ 39, 77.401, 35.445

■ 88, 14.903,
190.844

■ 39, 79.135, 36.521

■ 94, 20.688,
190.365

■ 96, 22.022,
198.061

Harmonies

Complementary

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



57, 28.997, 16.230



71, 23.436, 189.480

Rectangle

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



57, 28.997, 16.230



57, 28.997, 66.230



57, 28.997, 196.230



57, 28.997, 246.230

Sweetspot

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



57, 28.995, 16.234



88, 9.846, 13.070



58, 44.516, 323.459



47, 6.700, 13.202



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



57, 28.995, 16.234



68, 43.516, 17.605



64, 23.747, 60.253



37, 4.116, 12.894



33, 69.472, 35.962



3, 12.313, 14.406

Inverse Universe

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



57, 28.995, 16.234



68, 43.516, 17.605



64, 20.027, 249.333



37, 4.116, 12.894



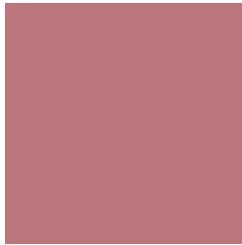
33, 69.472, 35.962



3, 12.313, 14.406

Previews

White Background



This preview shows how the CIELCh color 57, 28.997, 16.230 looks on a white background.

Color Contrast Check

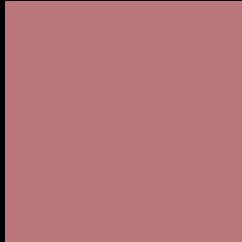
Large Text (above 18pt) WCAG AA ✓ Pass

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, 28.997, 16.230 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, 28.997, 16.230

Background



This preview shows how black text looks on a background with the CIELCh color 57, 28.997, 16.230.



This preview shows how white text looks on a background with the CIELCh color 57, 28.997, 16.230.

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, 28.997, 16.230

Protanopia
57, 2.065, 74.782

Deuteranopia
57, 11.868, 51.805



Tritanopia
57, 29.423, 13.139

Trichromacy



Original Color
57, 28.997, 16.230

Protanomaly
57, 11.022, 20.541

Deuteranomaly
57, 17.085, 30.605

Tritanomaly
57, 29.424, 14.230

Monochromacy



Original Color
57, 28.997, 16.230

Achromatopsia
58, 0.007, 296.813

Achromatomaly
57, 10.176, 14.081

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 28.997, 16.230 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(187, 118, 124)` looks like.

```
.text, #text, p{  
    color:rgb(187, 118, 124)  
}
```

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(187, 118, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 118, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 28.997, 16.230 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(187, 118, 124) }
```

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

```
.border{ border-color:rgb(187, 118, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 118, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 118, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 118, 124);  
box-shadow:4px 4px 4px 4px rgb(187, 118,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 28.997, 16.230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 118, 124) }
```

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

```
.background{ background-color: rgb(187,  
118, 124) }
```

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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