

Converting Colors

CIELCh(57, 36.916, 27.102)

Have a look what the booklet for
CIELCh(57, 36.916, 27.102) contains.

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Color

CIELCh(57, 37.109, 27.133)

Conversions

Conversions Part 1

Format	Color
Hex	C6716D
RGB	198, 113, 109
RGB Percent	78%, 44%, 43%
CMY	0.2235, 0.5568, 0.5725
CMYK	0.00, 0.43, 0.45, 0.22
HSL	3°, 44%, 60%
HSV	3°, 45%, 78%
XYZ	31.9572, 24.9227, 17.5959
YIQ	137.9590, 51.9440, 16.7760

Conversions

Conversions Part 2

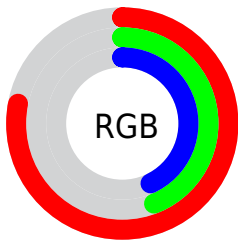
Format	Color
R_{YB}	198, 113, 109
Decimal	13005165
CIE Lab	57.00, 33.03, 16.92
CIE LCh	57, 37.109, 27.133
Yxy	24.9227, 0.4291, 0.3346
Android (android.graphics.Color)	4291195245 (0xFFC6716D)
YUV	137.9590, -14.2768, 52.6560
Hunter-Lab	49.9226, 26.8995, 14.0483

Details

The CIELCh color **57, 37.109, 27.133** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **73, 26.627, 202.164**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 36.252, 27.534**, and **37, 37.038, 26.826** is the 20% darker color. If you saturate the color by 10%, you get **53, 46.832, 28.867**, and if you desaturate by 10%, it is **62, 27.825, 25.816**.

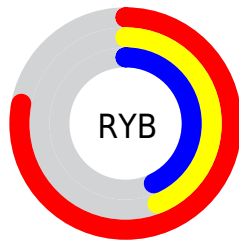
Distribution



Red (78%)

Green (44%)

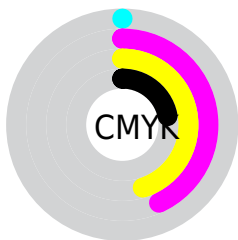
Blue (43%)



Red (78%)

Yellow (44%)

Blue (43%)

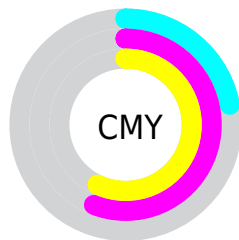


Cyan (0%)

Magenta (43%)

Yellow (45%)

Black (22%)



Cyan (22%)

Magenta (56%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 37.109, 27.133 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, 37.109, 27.133 by changing the saturation by 10% instead.

■ 57, 37.109, 27.133

■ 57, 37.109, 27.133

■ 100, 37.109,
27.133

■ 47, 37.109, 27.133

■ 77, 37.109, 27.133

■ 37, 37.109, 27.133

■ 87, 37.109, 27.133

■ 27, 37.109, 27.133

■ 97, 37.109, 27.133

■ 17, 37.109, 27.133

■ 7, 37.109, 27.133

■ 0, 37.109, 27.133

■ 57, 37.109, 27.133

■ 57, 37.109, 27.133

■ 53, 46.832, 28.867

■ 62, 27.825, 25.816

■ 49, 56.788, 31.084

■ 67, 19.106, 24.818

46, 66.639, 33.787

72, 10.998, 24.056

43, 75.797, 36.750

77, 3.497, 23.396

42, 82.997, 39.236

83, 3.430, 203.303

42, 85.833, 40.434

88, 9.832, 202.893

94, 15.766,
202.647

96, 18.707,
198.269

Harmonies

Complementary

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



57, 37.109, 27.133



73, 26.627, 202.164

Rectangle

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



57, 37.109, 27.133



57, 37.109, 77.133



57, 37.109, 207.133



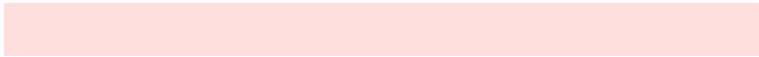
57, 37.109, 257.133

Sweetspot

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



57, 37.107, 27.137



91, 11.662, 23.940



59, 56.273, 327.772



47, 8.234, 24.089



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



57, 37.107, 27.137



67, 56.492, 28.840



67, 32.062, 73.139



39, 4.094, 23.697



34, 74.030, 40.374



4, 15.444, 21.808

Inverse Universe

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



73, 26.627, 202.164



91, 37.180, 202.151



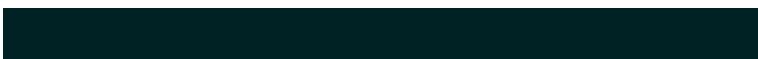
61, 28.968, 267.089



41, 3.857, 203.052



58, 33.799, 203.724



11, 12.379, 202.021

Previews

White Background



This preview shows how the CIELCh color 57, 37.109, 27.133 looks on a white background.

Color Contrast Check

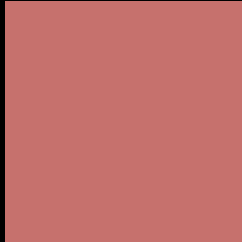
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 57, 37.109, 27.133 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, 37.109, 27.133

Background



This preview shows how black text looks on a background with the CIELCh color 57, 37.109, 27.133.

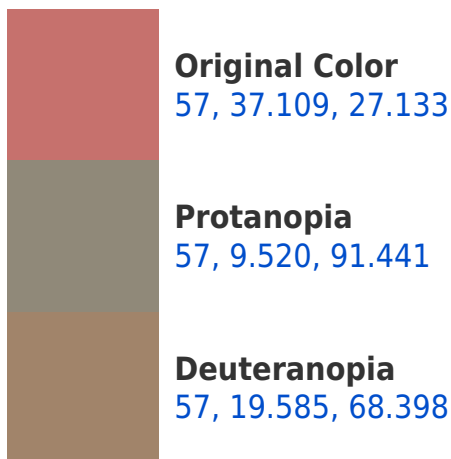


This preview shows how white text looks on a background with the CIELCh color 57, 37.109, 27.133.

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](#).

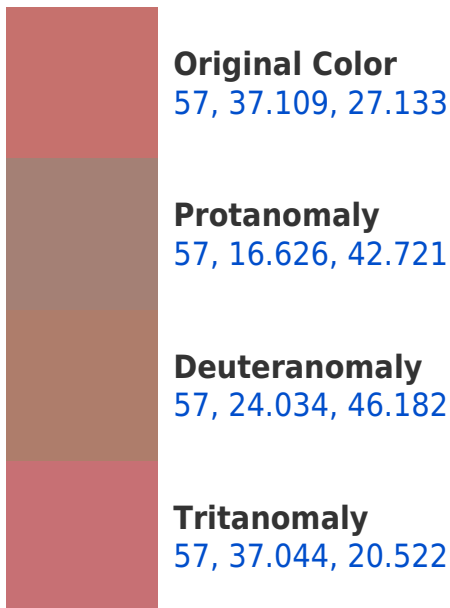
Dichromacy





Tritanopia
57, 37.185, 16.388

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 37.109, 27.133 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(198, 113, 109)` looks like.

```
.text, #text, p{  
    color:rgb(198, 113, 109)  
}
```

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(198, 113, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 113, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 37.109, 27.133 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(198, 113, 109) }
```

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

```
.border{ border-color:rgb(198, 113, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 113, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 113, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 113, 109);  
box-shadow:4px 4px 4px 4px rgb(198, 113,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 37.109, 27.133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 113, 109) }
```

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

```
.background{ background-color: rgb(198,  
113, 109) }
```

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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