

Converting Colors

CIELCh(57, 42.726, 41.534)

Have a look what the booklet for
CIELCh(57, 42.726, 41.534) contains.

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Color

CIELCh(57, 42.646, 41.517)

Conversions

Conversions Part 1

Format	Color
Hex	C87159
RGB	200, 113, 89
RGB Percent	78%, 44%, 35%
CMY	0.2144, 0.5557, 0.6499
CMYK	0.00, 0.43, 0.55, 0.21
HSL	13°, 50%, 57%
HSV	13°, 55%, 79%
XYZ	31.6566, 24.9227, 12.6516
YIQ	136.2770, 59.5560, 10.9800

Conversions

Conversions Part 2

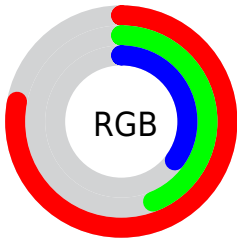
Format	Color
R _Y B	200, 120, 89
Decimal	13136217
CIE Lab	57.00, 31.93, 28.27
CIE LCh	57, 42.646, 41.517
Yxy	24.9227, 0.4573, 0.3600
Android (android.graphics.Color)	4291326297 (0xFFC87159)
YUV	136.2770, -23.3076, 55.8851
Hunter-Lab	49.9226, 25.8247, 19.9203

Details

The CIELCh color **57, 42.646, 41.517** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **68, 27.987, 226.192**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 40.677, 42.659**, and **37, 42.650, 41.298** is the 20% darker color. If you saturate the color by 10%, you get **53, 52.171, 42.138**, and if you desaturate by 10%, it is **61, 33.606, 41.115**.

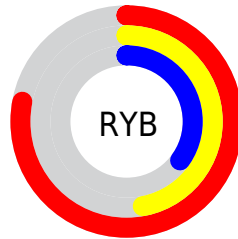
Distribution



Red (78%)

Green (44%)

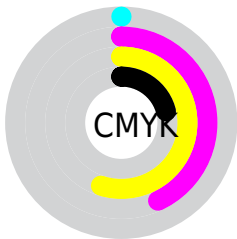
Blue (35%)



Red (78%)

Yellow (47%)

Blue (35%)

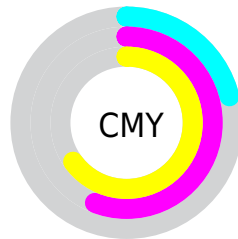


Cyan (0%)

Magenta (43%)

Yellow (55%)

Black (21%)



Cyan (21%)

Magenta (56%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 42.646, 41.517 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, 42.646, 41.517 by changing the saturation by 10% instead.

■ 57, 42.646, 41.517

■ 57, 42.646, 41.517

■ 100, 42.646,
41.517

■ 47, 42.646, 41.517

■ 77, 42.646, 41.517

■ 37, 42.646, 41.517

■ 87, 42.646, 41.517

■ 27, 42.646, 41.517

■ 97, 42.646, 41.517

■ 17, 42.646, 41.517

■ 7, 42.646, 41.517

■ 0, 42.646, 41.517

■ 57, 42.646, 41.517

■ 57, 42.646, 41.517

■ 53, 52.171, 42.138

■ 61, 33.606, 41.115

■ 50, 61.935, 42.915

■ 65, 25.158, 40.910

47, 71.358, 43.643

69, 17.326, 40.873

45, 79.206, 43.792

74, 10.090, 40.963

44, 82.319, 43.883

78, 3.413, 41.076

83, 2.757, 221.727

87, 8.473, 221.949

92, 13.788,
222.319

96, 17.859,
199.016

Harmonies

Complementary

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



57, 42.646, 41.517



68, 27.987, 226.192

Rectangle

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



57, 42.646, 41.517



57, 42.646, 91.517



57, 42.646, 221.517



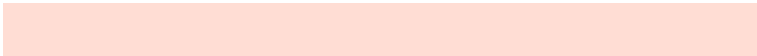
57, 42.646, 271.517

Sweetspot

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



57, 42.644, 41.521



91, 13.615, 40.940



55, 61.165, 334.248



47, 9.183, 40.917



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, 42.644, 41.521



66, 65.506, 42.323



70, 44.356, 86.452



40, 3.595, 41.047



36, 70.328, 44.264



5, 14.051, 32.205

Inverse Universe

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



68, 27.987, 226.192



81, 38.178, 228.726



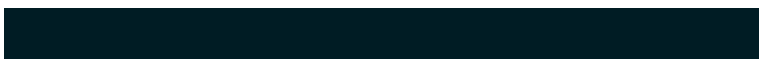
52, 45.442, 284.067



41, 3.395, 221.817



50, 31.729, 238.673



9, 11.133, 229.233

Previews

White Background



This preview shows how the CIELCh color 57, 42.646, 41.517 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, 42.646, 41.517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

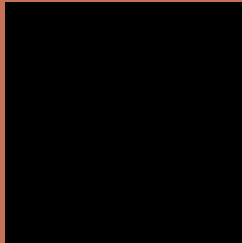
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 42.646, 41.517

Background



This preview shows how black text looks on a background with the CIELCh color 57, 42.646, 41.517.



This preview shows how white text looks on a background with the CIELCh color 57, 42.646, 41.517.

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, 42.646, 41.517

Protanopia

57, 21.992, 95.032

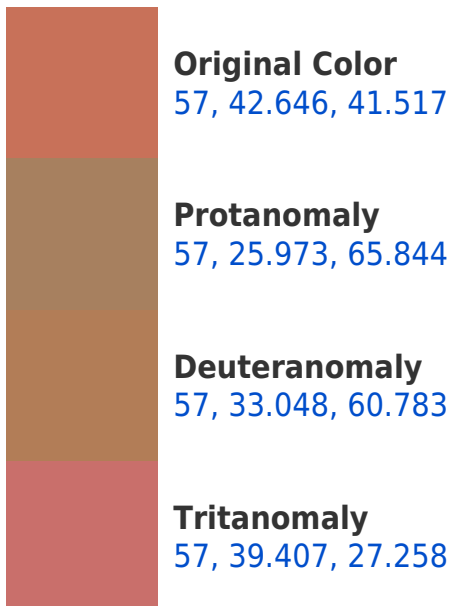
Deuteranopia

57, 30.318, 75.591

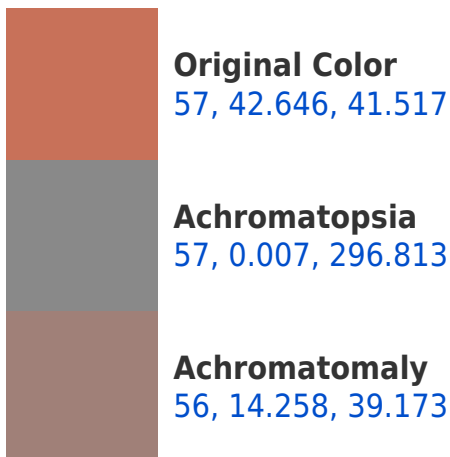


Tritanopia
57, 39.432, 17.983

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 42.646, 41.517 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(200, 113, 89)` looks like.

```
.text, #text, p{  
    color:rgb(200, 113, 89)  
}
```

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(200, 113, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 113, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 42.646, 41.517 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(200, 113, 89) }
```

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

```
.border{ border-color:rgb(200, 113, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 113, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 113, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 113, 89);  
box-shadow:4px 4px 4px 4px rgb(200, 113,  
89) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 42.646, 41.517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 113, 89) }
```

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

```
.background{ background-color: rgb(200,  
113, 89) }
```

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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