

Converting Colors

CIELCh(57, 35.138, 36.648)

Have a look what the booklet for
CIELCh(57, 35.138, 36.648) contains.

CIELCh(57, 35.138, 36.648)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(57, 35.138, 36.648)

Conversions

Conversions Part 1

Format	Color
Hex	C17566
RGB	193, 117, 102
RGB Percent	76%, 46%, 40%
CMY	0.2442, 0.5421, 0.6009
CMYK	0.00, 0.39, 0.47, 0.24
HSL	10°, 42%, 58%
HSV	10°, 47%, 76%
XYZ	30.6429, 24.9227, 15.7055
YIQ	138.0140, 50.1110, 11.4470

Conversions

Conversions Part 2

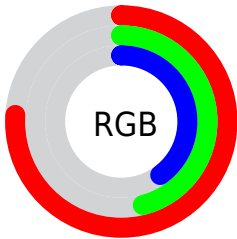
Format	Color
R_{YB}	193, 120, 102
Decimal	12678502
CIE _{Lab}	57.00, 28.19, 20.97
CIE _{LCh}	57, 35.138, 36.648
Yxy	24.9227, 0.4299, 0.3497
Android (android.graphics.Color)	4290868582 (0xFFC17566)
YUV	138.0140, -17.7549, 48.2227
Hunter-Lab	49.9226, 22.2001, 16.2934

Details

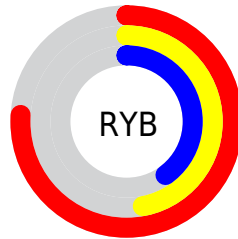
The CIELCh color **57, 35.138, 36.648** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **68, 24.587, 217.479**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 35.155, 36.813**, and **37, 35.109, 36.339** is the 20% darker color. If you saturate the color by 10%, you get **53, 44.223, 37.512**, and if you desaturate by 10%, it is **61, 26.597, 36.055**.

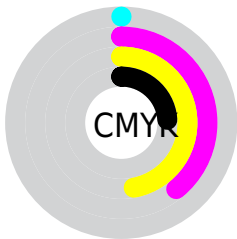
Distribution



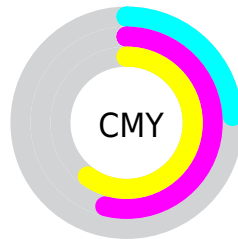
- Red (76%)
- Green (46%)
- Blue (40%)



- Red (76%)
- Yellow (47%)
- Blue (40%)



- Cyan (0%)
- Magenta (39%)
- Yellow (47%)
- Black (24%)



- Cyan (24%)
- Magenta (54%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 35.138, 36.648 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, 35.138, 36.648 by changing the saturation by 10% instead.

■ 57, 35.138, 36.648

■ 57, 35.138, 36.648

■ 100, 35.138,
36.648

■ 47, 35.138, 36.648

■ 77, 35.138, 36.648

■ 37, 35.138, 36.648

■ 87, 35.138, 36.648

■ 27, 35.138, 36.648

■ 97, 35.138, 36.648

■ 17, 35.138, 36.648

■ 7, 35.138, 36.648

■ 0, 35.138, 36.648

■ 57, 35.138, 36.648

■ 57, 35.138, 36.648

■ 53, 44.223, 37.512

■ 61, 26.597, 36.055

■ 50, 53.720, 38.655

■ 66, 18.656, 35.678

47, 63.330, 40.023

70, 11.314, 35.467

44, 72.406, 41.361

75, 4.543, 35.342

42, 79.689, 42.120

79, 1.703, 215.824

42, 81.576, 42.455

84, 7.475, 215.708

89, 12.826,
215.861

94, 17.713,
214.494

96, 20.293,
198.169

Harmonies

Complementary

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



57, 35.138, 36.648



68, 24.587, 217.479

Rectangle

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



57, 35.138, 36.648



57, 35.138, 86.648



57, 35.138, 216.648



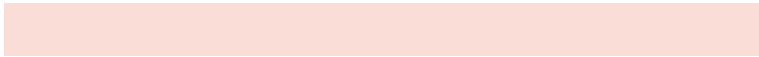
57, 35.138, 266.648

Sweetspot

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



57, 35.136, 36.652



90, 11.236, 35.428



56, 53.233, 331.746



47, 7.825, 35.456



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



57, 35.136, 36.652



68, 54.559, 37.583



68, 35.283, 83.538



38, 3.628, 35.372



35, 70.903, 42.669



4, 12.648, 29.437

Inverse Universe

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



68, 24.587, 217.479



84, 34.529, 218.645



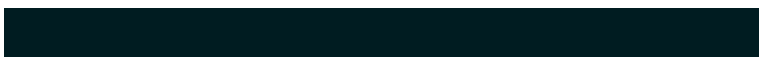
56, 34.703, 278.216



40, 3.419, 215.687



51, 30.819, 227.507



8, 10.574, 220.798

Previews

White Background



This preview shows how the CIELCh color 57, 35.138, 36.648 looks on a white background.

Color Contrast Check

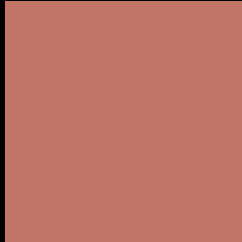
Large Text (above 18pt) WCAG AA ✓ Pass

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, 35.138, 36.648 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, 35.138, 36.648

Background



This preview shows how black text looks on a background with the CIELCh color 57, 35.138, 36.648.

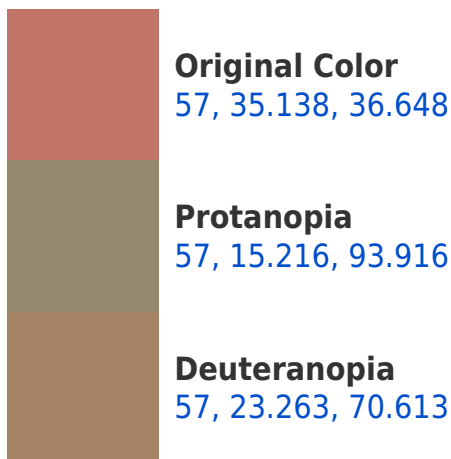


This preview shows how white text looks on a background with the CIELCh color 57, 35.138, 36.648.

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, 33.738, 15.990

Trichromacy



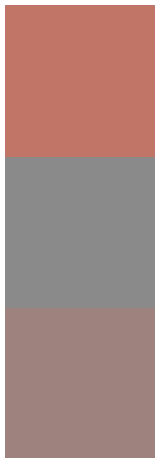
Original Color
57, 35.138, 36.648

Protanomaly
57, 19.198, 60.580

Deuteranomaly
57, 26.346, 54.626

Tritanomaly
57, 33.850, 23.388

Monochromacy



Original Color
57, 35.138, 36.648

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 11.966, 34.185

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 35.138, 36.648 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(193, 117, 102)` looks like.

```
.text, #text, p{  
    color:rgb(193, 117, 102)  
}
```

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(193, 117, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 117, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 35.138, 36.648 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(193, 117, 102) }
```

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

```
.border{ border-color:rgb(193, 117, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 117, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 117, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 117, 102);  
box-shadow:4px 4px 4px 4px rgb(193, 117,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 35.138, 36.648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 117, 102) }
```

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

```
.background{ background-color: rgb(193,  
117, 102) }
```

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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