

Converting Colors

CIELCh(57, 46.003, 34.134)

Have a look what the booklet for
CIELCh(57, 46.003, 34.134) contains.

CIELCh(57, 46.003, 34.134)	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, 46.003, 34.134)

Conversions

Conversions Part 1

Format	Color
Hex	D06C5E
RGB	208, 108, 94
RGB Percent	82%, 42%, 37%
CMY	0.1846, 0.5766, 0.6316
CMYK	0.00, 0.48, 0.55, 0.18
HSL	7°, 55%, 59%
HSV	7°, 55%, 82%
XYZ	33.3708, 24.9227, 13.6301
YIQ	136.3040, 64.0940, 16.8460

Conversions

Conversions Part 2

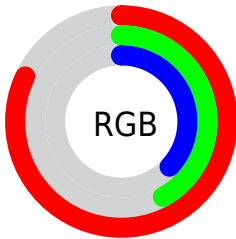
Format	Color
RYB	208, 110, 94
Decimal	13659230
CIELab	57.00, 38.08, 25.81
CIELCh	57, 46.003, 34.134
Yxy	24.9227, 0.4640, 0.3465
Android (android.graphics.Color)	4291849310 (0xFFD06C5E)
YUV	136.3040, -20.8559, 62.8774
Hunter-Lab	49.9226, 31.9540, 18.7581

Details

The CIELCh color **57, 46.003, 34.134** 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 **73, 29.838, 212.258**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 40.314, 34.763**, and **37, 45.889, 33.839** is the 20% darker color. If you saturate the color by 10%, you get **53, 56.184, 35.626**, and if you desaturate by 10%, it is **61, 36.240, 33.000**.

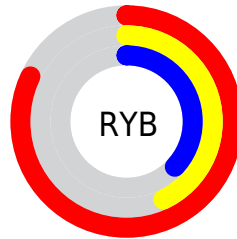
Distribution



Red (82%)

Green (42%)

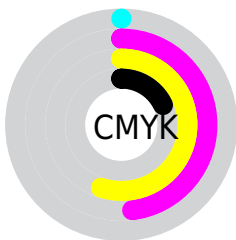
Blue (37%)



Red (82%)

Yellow (43%)

Blue (37%)

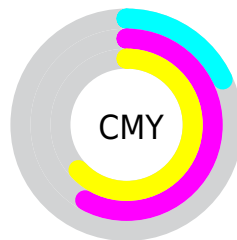


Cyan (0%)

Magenta (48%)

Yellow (55%)

Black (18%)



Cyan (18%)

Magenta (58%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 46.003, 34.134 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, 46.003, 34.134 by changing the saturation by 10% instead.

■ 57, 46.003, 34.134

■ 57, 46.003, 34.134

■ 100, 46.003,
34.134

■ 47, 46.003, 34.134

■ 77, 46.003, 34.134

■ 37, 46.003, 34.134

■ 87, 46.003, 34.134

■ 27, 46.003, 34.134

■ 97, 46.003, 34.134

■ 17, 46.003, 34.134

■ 7, 46.003, 34.134

■ 0, 46.003, 34.134

■ 57, 46.003, 34.134

■ 57, 46.003, 34.134

■ 53, 56.184, 35.626

■ 61, 36.240, 33.000

■ 50, 66.493, 37.442

■ 66, 27.053, 32.170

47, 76.320, 39.376

71, 18.503, 31.587

45, 84.338, 40.806

76, 10.596, 31.189

44, 87.632, 41.452

81, 3.305, 30.846

86, 3.417, 211.075

91, 9.627, 210.941

97, 15.265,
200.670

97, 15.646,
198.465

Harmonies

Complementary

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



57, 46.003, 34.134



73, 29.838, 212.258

Rectangle

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



57, 46.003, 34.134



57, 46.003, 84.134



57, 46.003, 214.134



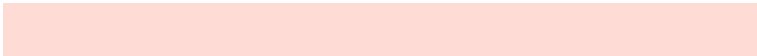
57, 46.003, 264.134

Sweetspot

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



57, 46.001, 34.137



90, 13.579, 31.236



57, 66.017, 331.024



47, 9.248, 31.310



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, 46.001, 34.137



64, 67.889, 35.959



70, 42.951, 79.502



41, 3.986, 31.019



36, 74.542, 41.658



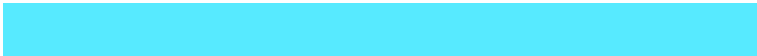
5, 18.579, 25.868

Inverse Universe

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



73, 29.838, 212.258



86, 39.164, 213.363



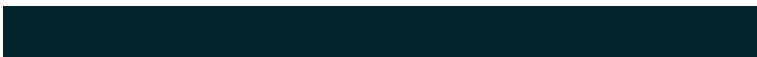
57, 41.149, 277.647



43, 3.751, 210.971



56, 32.241, 218.704



12, 12.519, 213.862

Previews

White Background



This preview shows how the CIELCh color 57, 46.003, 34.134 looks on a white background.

Color Contrast Check

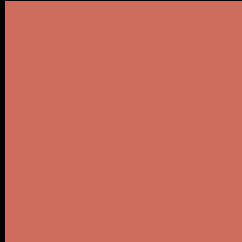
Large Text (above 18pt) WCAG AA ✓ Pass

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, 46.003, 34.134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

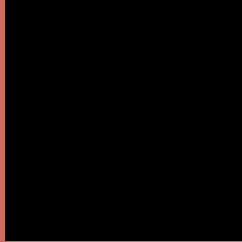
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 46.003, 34.134

Background



This preview shows how black text looks on a background with the CIELCh color 57, 46.003, 34.134.



This preview shows how white text looks on a background with the CIELCh color 57, 46.003, 34.134.

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, 46.003, 34.134

Protanopia
57, 17.412, 95.390

Deuteranopia
57, 28.112, 74.449



Tritanopia
57, 44.248, 19.470

Trichromacy



Original Color
57, 46.003, 34.134

Protanomaly
56, 23.711, 55.553

Deuteranomaly
57, 32.617, 54.598

Tritanomaly
57, 44.717, 24.981

Monochromacy



Original Color
57, 46.003, 34.134

Achromatopsia
57, 0.007, 296.813

Achromatomaly
56, 15.412, 31.508

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 46.003, 34.134 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(208, 108, 94)` looks like.

```
.text, #text, p{  
    color:rgb(208, 108, 94)  
}
```

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(208, 108, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 108, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 46.003, 34.134 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(208, 108, 94) }
```

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

```
.border{ border-color:rgb(208, 108, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 108, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 108, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 108, 94);  
box-shadow:4px 4px 4px 4px rgb(208, 108,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 46.003, 34.134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 108, 94) }
```

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

```
.background{ background-color: rgb(208,  
108, 94) }
```

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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