

Converting Colors

CIELCh(57, 38.588, 36.916)

Have a look what the booklet for
CIELCh(57, 38.588, 36.916) contains.

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Color

CIELCh(57, 38.635, 36.626)

Conversions

Conversions Part 1

Format	Color
Hex	C57262
RGB	197, 114, 98
RGB Percent	77%, 45%, 38%
CMY	0.2259, 0.5516, 0.6144
CMYK	0.00, 0.42, 0.50, 0.23
HSL	10°, 46%, 58%
HSV	10°, 50%, 77%
XYZ	31.4038, 24.9227, 14.7915
YIQ	136.9930, 54.6040, 12.6200

Conversions

Conversions Part 2

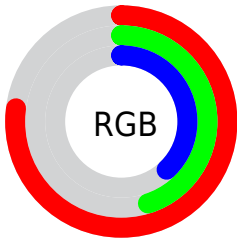
Format	Color
RYB	197, 117, 98
Decimal	12939874
CIELab	57.00, 31.01, 23.05
CIElCh	57, 38.635, 36.626
Yxy	24.9227, 0.4416, 0.3504
Android (android.graphics.Color)	4291129954 (0xFFC57262)
YUV	136.9930, -19.2235, 52.6261
Hunter-Lab	49.9226, 24.9207, 17.3789

Details

The CIELCh color **57, 38.635, 36.626** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **69, 26.272, 217.328**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 37.965, 36.766**, and **37, 38.958, 36.698** is the 20% darker color. If you saturate the color by 10%, you get **53, 48.061, 37.606**, and if you desaturate by 10%, it is **61, 29.730, 35.933**.

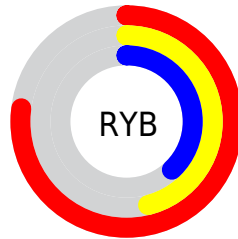
Distribution



Red (77%)

Green (45%)

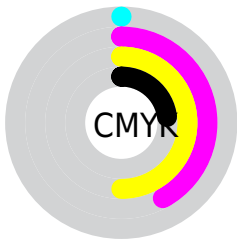
Blue (38%)



Red (77%)

Yellow (46%)

Blue (38%)

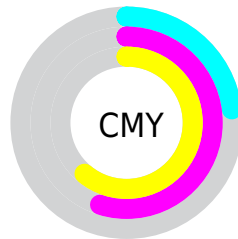


Cyan (0%)

Magenta (42%)

Yellow (50%)

Black (23%)



Cyan (23%)

Magenta (55%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 38.635, 36.626 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, 38.635, 36.626 by changing the saturation by 10% instead.

■ 57, 38.635, 36.626

■ 57, 38.635, 36.626

■ 100, 38.635,
36.626

■ 47, 38.635, 36.626

■ 77, 38.635, 36.626

■ 37, 38.635, 36.626

■ 87, 38.635, 36.626

■ 27, 38.635, 36.626

■ 97, 38.635, 36.626

■ 17, 38.635, 36.626

■ 7, 38.635, 36.626

■ 0, 38.635, 36.626

■ 57, 38.635, 36.626

■ 57, 38.635, 36.626

■ 53, 48.061, 37.606

■ 61, 29.730, 35.933

■ 50, 57.833, 38.864

■ 66, 21.429, 35.473

47, 67.564, 40.304

70, 13.744, 35.200

44, 76.401, 41.566

75, 6.653, 35.049

43, 83.176, 42.345

80, 0.116, 30.421

84, 5.921, 215.323

89, 11.510,
215.435

94, 16.588,
213.432

96, 18.895,
198.257

Harmonies

Complementary

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



57, 38.635, 36.626



69, 26.272, 217.328

Rectangle

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



57, 38.635, 36.626



57, 38.635, 86.626



57, 38.635, 216.626



57, 38.635, 266.626

Sweetspot

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



57, 38.633, 36.630



91, 12.316, 35.116



56, 57.351, 331.941



47, 8.478, 35.149



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, 38.633, 36.630



68, 59.131, 37.688



69, 38.330, 83.101



39, 3.715, 35.039



35, 71.868, 42.582



4, 14.441, 28.680

Inverse Universe

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



69, 26.272, 217.328



85, 36.289, 218.577



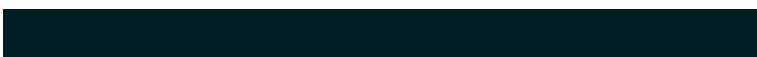
56, 37.715, 279.006



41, 3.500, 215.326



52, 31.180, 226.877



9, 11.329, 219.550

Previews

White Background



This preview shows how the CIELCh color 57, 38.635, 36.626 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, 38.635, 36.626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

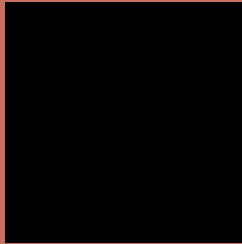
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 38.635, 36.626

Background



This preview shows how black text looks on a background with the CIELCh color 57, 38.635, 36.626.

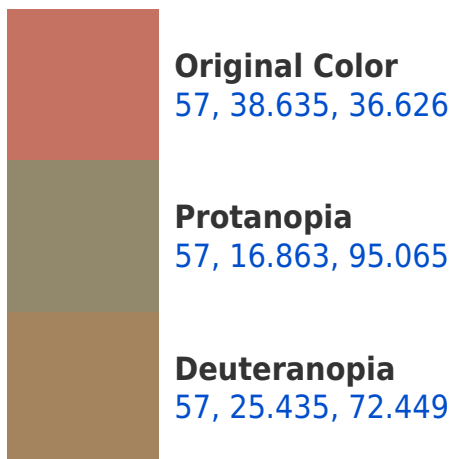


This preview shows how white text looks on a background with the CIELCh color 57, 38.635, 36.626.

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, 37.235, 17.248

Trichromacy



Original Color
57, 38.635, 36.626

Protanomaly
57, 21.487, 61.344

Deuteranomaly
57, 28.675, 55.593

Tritanomaly
57, 37.168, 24.692

Monochromacy



Original Color
57, 38.635, 36.626

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 12.995, 35.740

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 38.635, 36.626 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(197, 114, 98)` looks like.

```
.text, #text, p{  
    color:rgb(197, 114, 98)  
}
```

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(197, 114, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 114, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 38.635, 36.626 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(197, 114, 98) }
```

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

```
.border{ border-color:rgb(197, 114, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 114, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 114, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 114, 98);  
box-shadow:4px 4px 4px 4px rgb(197, 114,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 38.635, 36.626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 114, 98) }
```

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

```
.background{ background-color: rgb(197,  
114, 98) }
```

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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