

Converting Colors

CIELCh(57, 36.066, 28.829)

Have a look what the booklet for
CIELCh(57, 36.066, 28.829) contains.

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Color

CIELCh(57, 36.069, 28.786)

Conversions

Conversions Part 1

Format	Color
Hex	C4726C
RGB	196, 114, 108
RGB Percent	77%, 45%, 42%
CMY	0.2306, 0.5522, 0.5758
CMYK	0.00, 0.42, 0.45, 0.23
HSL	4°, 43%, 60%
HSV	4°, 45%, 77%
XYZ	31.5690, 24.9227, 17.3812
YIQ	137.8340, 50.7980, 15.5180

Conversions

Conversions Part 2

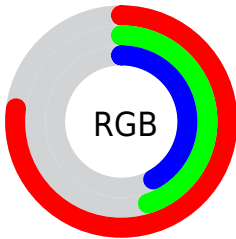
Format	Color
R _Y B	196, 114, 108
Decimal	12874348
CIE Lab	57.00, 31.61, 17.37
CIE LCh	57, 36.069, 28.786
Yxy	24.9227, 0.4273, 0.3374
Android (android.graphics.Color)	4291064428 (0xFFC4726C)
YUV	137.8340, -14.7082, 51.0116
Hunter-Lab	49.9226, 25.5116, 14.3032

Details

The CIELCh color **57, 36.069, 28.786** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **72, 25.808, 204.847**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 36.083, 29.157**, and **37, 35.971, 28.388** is the 20% darker color. If you saturate the color by 10%, you get **53, 45.618, 30.339**, and if you desaturate by 10%, it is **62, 26.997, 27.617**.

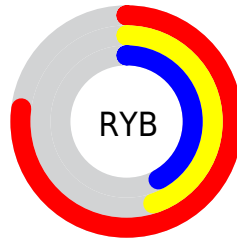
Distribution



Red (77%)

Green (45%)

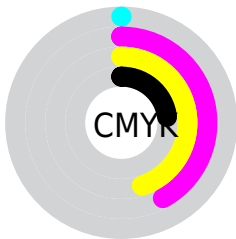
Blue (42%)



Red (77%)

Yellow (45%)

Blue (42%)

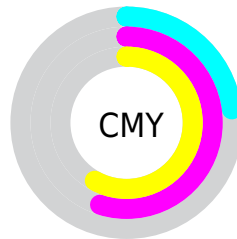


Cyan (0%)

Magenta (42%)

Yellow (45%)

Black (23%)



Cyan (23%)

Magenta (55%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 36.069, 28.786 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, 36.069, 28.786 by changing the saturation by 10% instead.

■ 57, 36.069, 28.786

■ 57, 36.069, 28.786

■ 100, 36.069,
28.786

■ 47, 36.069, 28.786

■ 77, 36.069, 28.786

■ 37, 36.069, 28.786

■ 87, 36.069, 28.786

■ 27, 36.069, 28.786

■ 97, 36.069, 28.786

■ 17, 36.069, 28.786

■ 7, 36.069, 28.786

■ 0, 36.069, 28.786

■ 57, 36.069, 28.786

■ 57, 36.069, 28.786

■ 53, 45.618, 30.339

■ 62, 26.997, 27.617

■ 49, 55.462, 32.330

■ 66, 18.504, 26.740

46, 65.286, 34.758

72, 10.622, 26.084

43, 74.513, 37.407

77, 3.339, 25.513

42, 81.895, 39.596

82, 3.383, 205.513

41, 84.908, 40.684

87, 9.595, 205.181

93, 15.351,
205.008

96, 19.254,
198.234

Harmonies

Complementary

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



57, 36.069, 28.786



72, 25.808, 204.847

Rectangle

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



57, 36.069, 28.786



57, 36.069, 78.786



57, 36.069, 208.786



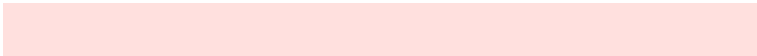
57, 36.069, 258.786

Sweetspot

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



57, 36.067, 28.790



92, 11.414, 25.990



58, 54.533, 328.790



48, 8.060, 26.117



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, 36.067, 28.790



68, 55.541, 30.335



68, 32.270, 76.367



38, 3.921, 25.780



34, 72.800, 40.657



3, 13.391, 23.313

Inverse Universe

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



72, 25.808, 204.847



90, 36.343, 205.009



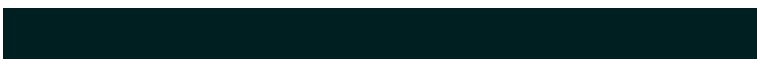
60, 29.940, 270.392



40, 3.693, 205.307



56, 32.543, 207.894



10, 11.530, 205.193

Previews

White Background



This preview shows how the CIELCh color 57, 36.069, 28.786 looks on a white background.

Color Contrast Check

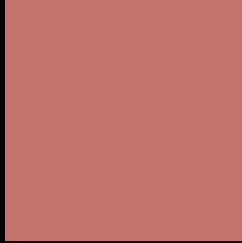
Large Text (above 18pt) WCAG AA ✓ Pass

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, 36.069, 28.786 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, 36.069, 28.786

Background



This preview shows how black text looks on a background with the CIELCh color 57, 36.069, 28.786.



This preview shows how white text looks on a background with the CIELCh color 57, 36.069, 28.786.

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, 36.069, 28.786

Protanopia

57, 10.610, 93.089

Deuteranopia

57, 20.042, 69.316



Tritanopia
57, 35.886, 15.904

Trichromacy



Original Color
57, 36.069, 28.786

Protanomaly
57, 16.672, 48.908

Deuteranomaly
57, 24.223, 48.798

Tritanomaly
57, 35.800, 21.084

Monochromacy



Original Color
57, 36.069, 28.786

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 12.428, 25.885

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 36.069, 28.786 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(196, 114, 108)` looks like.

```
.text, #text, p{  
    color:rgb(196, 114, 108)  
}
```

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(196, 114, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 114, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 36.069, 28.786 is called "border". The border property can be set on classes, ids or directly on the HTML element.

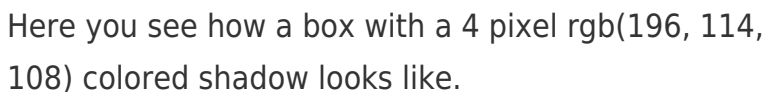
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 114, 108) }
```

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

```
.border{ border-color:rgb(196, 114, 108) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 114, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 114, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 114, 108); box-shadow:4px 4px 4px 4px rgb(196, 114, 108) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 36.069, 28.786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 114, 108) }
```

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

```
.background{ background-color: rgb(196,  
114, 108) }
```

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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