

Converting Colors

CIELCh(48, 57.576, 30.487)

Have a look what the booklet for
CIELCh(48, 57.576, 30.487) contains.

CIELCh(48, 57.576, 30.487)	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(48, 57.576, 30.487)

Conversions

Conversions Part 1

Format	Color
Hex	C54844
RGB	197, 72, 68
RGB Percent	77%, 28%, 27%
CMY	0.2294, 0.7193, 0.7348
CMYK	0.00, 0.64, 0.66, 0.23
HSL	2°, 52%, 52%
HSV	2°, 66%, 77%
XYZ	26.2176, 16.7945, 7.2691
YIQ	108.9190, 75.7840, 25.2560

Conversions

Conversions Part 2

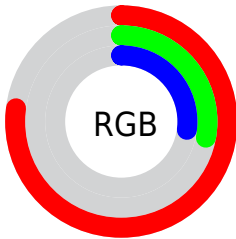
Format	Color
RYB	197, 72, 68
Decimal	12929092
CIELab	48.00, 49.62, 29.21
CIELCh	48, 57.576, 30.487
Yxy	16.7945, 0.5214, 0.3340
Android (android.graphics.Color)	4291119172 (0xFFC54844)
YUV	108.9190, -20.1731, 77.2470
Hunter-Lab	40.9810, 42.4784, 18.1701

Details

The CIELCh color **48, 57.576, 30.487** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **72, 34.597, 200.445**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 56.008, 30.667**, and **28, 57.547, 30.370** is the 20% darker color. If you saturate the color by 10%, you get **45, 67.300, 33.387**, and if you desaturate by 10%, it is **52, 47.663, 28.106**.

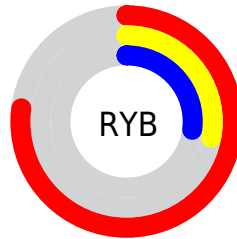
Distribution



Red (77%)

Green (28%)

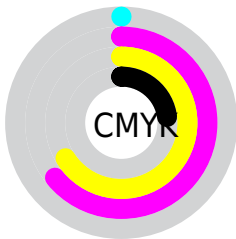
Blue (27%)



Red (77%)

Yellow (28%)

Blue (27%)

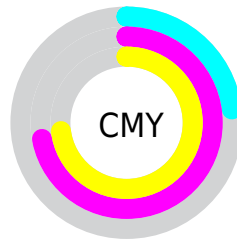


Cyan (0%)

Magenta (64%)

Yellow (66%)

Black (23%)



Cyan (23%)

Magenta (72%)

Yellow (73%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 57.576, 30.487 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 48, 57.576, 30.487 by changing the saturation by 10% instead.

 48, 57.576, 30.487

 48, 57.576, 30.487

 100, 57.576,
30.487

 38, 57.576, 30.487

 68, 57.576, 30.487

 28, 57.576, 30.487

 78, 57.576, 30.487

 18, 57.576, 30.487

 88, 57.576, 30.487

 8, 57.576, 30.487

 98, 57.576, 30.487

 0, 57.576, 30.487

 48, 57.576, 30.487

 48, 57.576, 30.487

 45, 67.300, 33.387

 52, 47.663, 28.106

 43, 76.237, 36.540

 56, 37.921, 26.240

■ 41, 83.088, 39.157

■ 61, 28.581, 24.810

■ 41, 85.534, 40.298

■ 66, 19.781, 23.722

■ 71, 11.581, 22.887

■ 76, 3.988, 22.180

■ 82, 3.029, 202.029

■ 87, 9.515, 201.549

■ 93, 15.526,
201.255

Harmonies

Complementary

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



48, 57.576, 30.487



72, 34.597, 200.445

Rectangle

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



48, 57.576, 30.487



48, 57.576, 80.487



48, 57.576, 210.487



48, 57.576, 260.487

Sweetspot

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



48, 57.573, 30.490



87, 18.712, 23.256



52, 77.672, 328.149



44, 12.912, 23.500



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



48, 57.573, 30.490



57, 87.117, 34.850



61, 47.884, 68.708



39, 4.151, 22.451



34, 74.225, 40.183



4, 15.582, 21.023

Inverse Universe

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



72, 34.597, 200.445



90, 46.027, 200.653



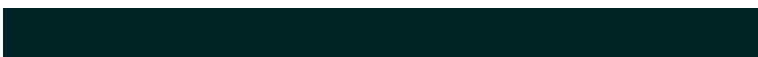
53, 40.622, 271.609



41, 3.911, 201.706



59, 34.416, 201.264



11, 12.562, 200.149

Previews

White Background



This preview shows how the CIELCh color 48, 57.576, 30.487 looks on a white 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

Black Background



This preview shows how the CIELCh color 48, 57.576, 30.487 looks on a black 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

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

CIELCh 48, 57.576, 30.487

Background



This preview shows how black text looks on a background with the CIELCh color 48, 57.576, 30.487.



This preview shows how white text looks on a background with the CIELCh color 48, 57.576, 30.487.

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

48, 57.576, 30.487

Protanopia

48, 17.986, 94.848

Deuteranopia

48, 31.872, 78.702



Tritanopia
48, 56.344, 26.352

Trichromacy



Original Color
48, 57.576, 30.487

Protanomaly
47, 27.245, 48.319

Deuteranomaly
47, 37.921, 51.287

Tritanomaly
48, 56.957, 27.988

Monochromacy



Original Color
48, 57.576, 30.487

Achromatopsia
46, 0.006, 296.813

Achromatomaly
45, 20.015, 25.376

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 57.576, 30.487 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, 72, 68)` looks like.

```
.text, #text, p{  
    color:rgb(197, 72, 68)  
}
```

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, 72, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 72, 68) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 57.576, 30.487 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, 72, 68) }
```

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

```
.border{ border-color:rgb(197, 72, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 72, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 72, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 72, 68);  
box-shadow:4px 4px 4px 4px rgb(197, 72,  
68) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 57.576, 30.487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 72, 68) }
```

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

```
.background{ background-color: rgb(197, 72,  
68) }
```

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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