

Converting Colors

CIELCh(51, 51.401, 36.865)

Have a look what the booklet for
CIELCh(51, 51.401, 36.865) contains.

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Color

CIELCh(51, 51.364, 36.859)

Conversions

Conversions Part 1

Format	Color
Hex	C35947
RGB	195, 89, 71
RGB Percent	76%, 35%, 28%
CMY	0.2344, 0.6502, 0.7209
CMYK	0.00, 0.54, 0.64, 0.23
HSL	9°, 51%, 52%
HSV	9°, 64%, 77%
XYZ	27.2984, 19.2686, 8.2722
YIQ	118.6420, 68.9540, 16.8740

Conversions

Conversions Part 2

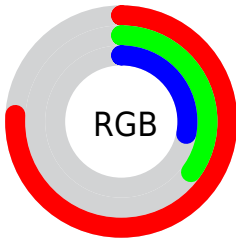
Format	Color
RYB	195, 92, 71
Decimal	12802375
CIELab	51.00, 41.10, 30.81
CIElCh	51, 51.364, 36.859
Yxy	19.2686, 0.4978, 0.3514
Android (android.graphics.Color)	4290992455 (0xFFC35947)
YUV	118.6420, -23.4875, 66.9660
Hunter-Lab	43.8960, 34.1887, 19.5540

Details

The CIELCh color **51, 51.364, 36.859** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **67, 30.677, 216.389**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 50.813, 37.042**, and **31, 51.432, 36.540** is the 20% darker color. If you saturate the color by 10%, you get **48, 61.128, 38.379**, and if you desaturate by 10%, it is **55, 41.814, 35.640**.

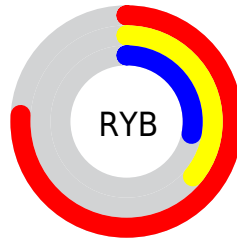
Distribution



Red (76%)

Green (35%)

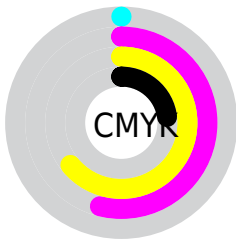
Blue (28%)



Red (76%)

Yellow (36%)

Blue (28%)

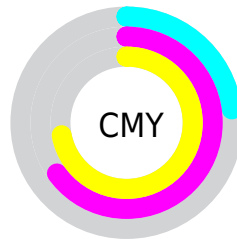


Cyan (0%)

Magenta (54%)

Yellow (64%)

Black (23%)



Cyan (23%)

Magenta (65%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 51.364, 36.859 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 51, 51.364, 36.859 by changing the saturation by 10% instead.

■ 51, 51.364, 36.859

■ 51, 51.364, 36.859

■ 100, 51.364,
36.859

■ 41, 51.364, 36.859

■ 71, 51.364, 36.859

■ 31, 51.364, 36.859

■ 81, 51.364, 36.859

■ 21, 51.364, 36.859

■ 91, 51.364, 36.859

■ 11, 51.364, 36.859

■ 1, 51.364, 36.859

■ 0, 51.364, 36.859

■ 51, 51.364, 36.859

■ 51, 51.364, 36.859

■ 48, 61.128, 38.379

■ 55, 41.814, 35.640

■ 45, 70.614, 40.027

■ 59, 32.725, 34.728

43, 78.720, 41.295

63, 24.207, 34.086

42, 82.940, 41.978

68, 16.298, 33.663

72, 8.992, 33.398

77, 2.256, 33.113

82, 3.959, 213.487

87, 9.705, 213.476

92, 15.035,
213.582

Harmonies

Complementary

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



51, 51.364, 36.859



67, 30.677, 216.389

Rectangle

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



51, 51.364, 36.859



51, 51.364, 86.859



51, 51.364, 216.859



51, 51.364, 266.859

Sweetspot

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



51, 51.362, 36.862



89, 16.053, 33.535



51, 69.815, 332.139



46, 11.183, 33.620



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



51, 51.362, 36.862



61, 79.085, 38.986



65, 47.832, 79.693



38, 3.678, 33.311



34, 71.374, 42.156



4, 12.786, 28.140

Inverse Universe

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



67, 30.677, 216.389



83, 41.191, 218.473



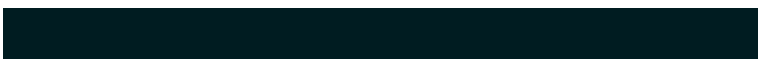
49, 46.691, 281.580



40, 3.465, 213.456



52, 30.894, 223.320



9, 10.720, 217.332

Previews

White Background



This preview shows how the CIELCh color 51, 51.364, 36.859 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 51, 51.364, 36.859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

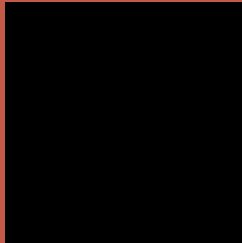
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 51.364, 36.859

Background



This preview shows how black text looks on a background with the CIELCh color 51, 51.364, 36.859.



This preview shows how white text looks on a background with the CIELCh color 51, 51.364, 36.859.

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

51, 51.364, 36.859

Protanopia

51, 22.333, 95.748

Deuteranopia

51, 33.008, 78.294



Tritanopia
51, 48.212, 22.568

Trichromacy



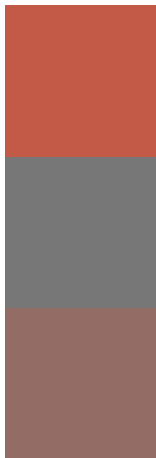
Original Color
51, 51.364, 36.859

Protanomaly
50, 28.090, 60.037

Deuteranomaly
50, 36.958, 57.162

Tritanomaly
51, 49.232, 28.217

Monochromacy



Original Color
51, 51.364, 36.859

Achromatopsia
50, 0.007, 296.813

Achromatomaly
49, 17.426, 32.806

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 51.364, 36.859 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(195, 89, 71)` looks like.

```
.text, #text, p{  
    color:rgb(195, 89, 71)  
}
```

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(195, 89, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 89, 71) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 51.364, 36.859 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(195, 89, 71) }
```

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

```
.border{ border-color:rgb(195, 89, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 89, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 89, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 89, 71);  
box-shadow:4px 4px 4px 4px rgb(195, 89,  
71) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 51.364, 36.859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 89, 71) }
```

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

```
.background{ background-color: rgb(195, 89,  
71) }
```

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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