

Converting Colors

CIELCh(50, 63.580, 34.856)

Have a look what the booklet for
CIELCh(50, 63.580, 34.856) contains.

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Color

CIELCh(50, 63.580, 34.856)

Conversions

Conversions Part 1

Format	Color
Hex	CF493C
RGB	207, 73, 60
RGB Percent	81%, 29%, 24%
CMY	0.1873, 0.7129, 0.7640
CMYK	0.00, 0.65, 0.71, 0.19
HSL	5°, 61%, 52%
HSV	5°, 71%, 81%
XYZ	29.0126, 18.4187, 6.3247
YIQ	111.5840, 84.0370, 24.3650

Conversions

Conversions Part 2

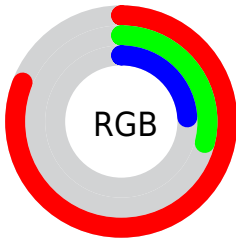
Format	Color
R_{YB}	207, 74, 60
Decimal	13584700
CIE _{Lab}	50.00, 52.17, 36.34
CIE _{LCh}	50, 63.580, 34.856
Yxy	18.4187, 0.5397, 0.3426
Android (android.graphics.Color)	4291774780 (0xFFCF493C)
YUV	111.5840, -25.4309, 83.6798
Hunter-Lab	42.9170, 45.5646, 21.3043

Details

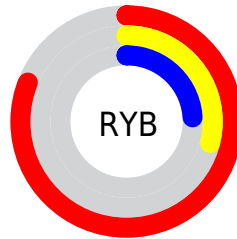
The CIELCh color **50, 63.580, 34.856** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **72, 35.419, 208.610**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 57.276, 35.550**, and **30, 63.507, 34.912** is the 20% darker color. If you saturate the color by 10%, you get **47, 73.614, 37.224**, and if you desaturate by 10%, it is **54, 53.254, 32.793**.

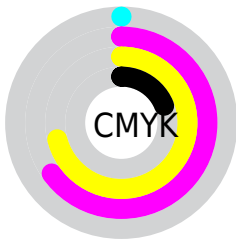
Distribution



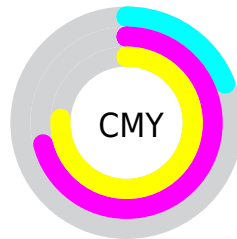
- Red (81%)
- Green (29%)
- Blue (24%)



- Red (81%)
- Yellow (29%)
- Blue (24%)



- Cyan (0%)
- Magenta (65%)
- Yellow (71%)
- Black (19%)



- Cyan (19%)
- Magenta (71%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 50, 63.580, 34.856 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 50, 63.580, 34.856 by changing the saturation by 10% instead.

■ 50, 63.580, 34.856

■ 50, 63.580, 34.856

■ 100, 63.580,
34.856

■ 40, 63.580, 34.856

■ 70, 63.580, 34.856

■ 30, 63.580, 34.856

■ 80, 63.580, 34.856

■ 20, 63.580, 34.856

■ 90, 63.580, 34.856

■ 10, 63.580, 34.856

■ 0, 63.580, 34.856

■ 50, 63.580, 34.856

■ 50, 63.580, 34.856

■ 47, 73.614, 37.224

■ 54, 53.254, 32.793

■ 45, 82.374, 39.426

■ 58, 43.111, 31.143

■ 44, 88.149, 40.904

■ 62, 33.404, 29.883

67, 24.272, 28.948

72, 15.775, 28.264

77, 7.917, 27.756

83, 0.668, 26.651

88, 6.020, 207.392

94, 12.204,
207.219

Harmonies

Complementary

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



50, 63.580, 34.856



72, 35.419, 208.610

Rectangle

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



50, 63.580, 34.856



50, 63.580, 84.856



50, 63.580, 214.856



50, 63.580, 264.856

Sweetspot

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



50, 63.577, 34.859



87, 18.722, 28.281



52, 81.683, 330.663



45, 12.818, 28.452



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



50, 63.577, 34.859



56, 91.557, 38.409



65, 54.994, 74.002



41, 4.101, 27.685



35, 75.199, 41.029



5, 18.962, 23.982

Inverse Universe

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



72, 35.419, 208.610



86, 44.229, 210.119



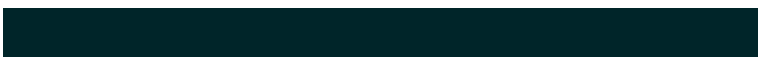
51, 50.900, 280.064



43, 3.859, 207.360



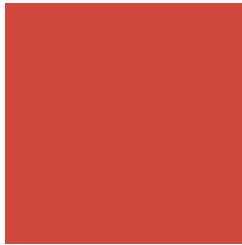
58, 33.017, 211.824



13, 12.832, 208.539

Previews

White Background



This preview shows how the CIELCh color 50, 63.580, 34.856 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 50, 63.580, 34.856 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 50, 63.580, 34.856

Background



This preview shows how black text looks on a background with the CIELCh color 50, 63.580, 34.856.



This preview shows how white text looks on a background with the CIELCh color 50, 63.580, 34.856.

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

50, 63.580, 34.856

Protanopia

50, 25.715, 96.623

Deuteranopia

50, 39.197, 80.783



Tritanopia
50, 60.877, 27.180

Trichromacy



Original Color
50, 63.580, 34.856

Protanomaly
49, 33.188, 56.180

Deuteranomaly
49, 44.294, 56.022

Tritanomaly
50, 61.704, 29.977

Monochromacy



Original Color
50, 63.580, 34.856

Achromatopsia
47, 0.006, 296.813

Achromatomaly
47, 22.122, 29.685

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 63.580, 34.856 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(207, 73, 60)` looks like.

```
.text, #text, p{  
    color:rgb(207, 73, 60)  
}
```

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(207, 73, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 73, 60) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 63.580, 34.856 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(207, 73, 60) }
```

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

```
.border{ border-color:rgb(207, 73, 60) }
```

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

Here you see how a box with a 4 pixel rgb(207, 73, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 73, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 73, 60);  
box-shadow:4px 4px 4px 4px rgb(207, 73,  
60) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 63.580, 34.856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 73, 60) }
```

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

```
.background{ background-color: rgb(207, 73,  
60) }
```

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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