

Converting Colors

CIELCh(58, 50.395, 44.478)

Have a look what the booklet for
CIELCh(58, 50.395, 44.478) contains.

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Color

CIELCh(58, 50.654, 44.635)

Conversions

Conversions Part 1

Format	Color
Hex	D3704F
RGB	211, 112, 79
RGB Percent	83%, 44%, 31%
CMY	0.1730, 0.5612, 0.6906
CMYK	0.00, 0.47, 0.63, 0.17
HSL	15°, 60%, 57%
HSV	15°, 63%, 83%
XYZ	34.0215, 25.9610, 10.5973
YIQ	137.8390, 69.5970, 10.7250

Conversions

Conversions Part 2

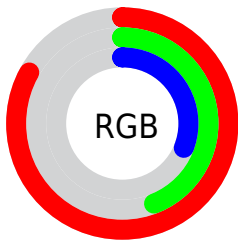
Format	Color
RYB	211, 123, 79
Decimal	13856847
CIELab	58.00, 36.05, 35.59
CIELCh	58, 50.654, 44.635
Yxy	25.9610, 0.4820, 0.3678
Android (android.graphics.Color)	4292046927 (0xFFD3704F)
YUV	137.8390, -29.0076, 64.1622
Hunter-Lab	50.9519, 30.0216, 23.3348

Details

The CIELCh color **58, 50.654, 44.635** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **68, 31.635, 233.110**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 43.810, 47.685**, and **38, 50.537, 44.351** is the 20% darker color. If you saturate the color by 10%, you get **55, 60.643, 45.042**, and if you desaturate by 10%, it is **62, 41.010, 44.371**.

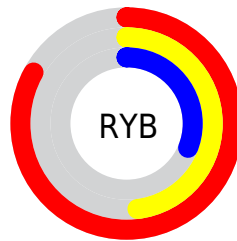
Distribution



Red (83%)

Green (44%)

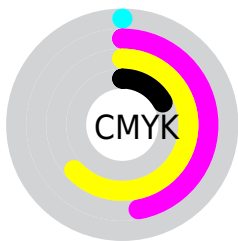
Blue (31%)



Red (83%)

Yellow (48%)

Blue (31%)

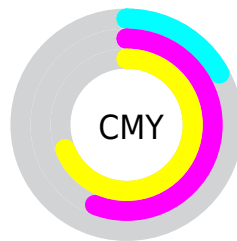


Cyan (0%)

Magenta (47%)

Yellow (63%)

Black (17%)



Cyan (17%)

Magenta (56%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 50.654, 44.635 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 58, 50.654, 44.635 by changing the saturation by 10% instead.

■ 58, 50.654, 44.635

■ 58, 50.654, 44.635

■ 100, 50.654,
44.635

■ 48, 50.654, 44.635

■ 78, 50.654, 44.635

■ 38, 50.654, 44.635

■ 88, 50.654, 44.635

■ 28, 50.654, 44.635

■ 98, 50.654, 44.635

■ 18, 50.654, 44.635

■ 8, 50.654, 44.635

■ 0, 50.654, 44.635

■ 58, 50.654, 44.635

■ 58, 50.654, 44.635

■ 55, 60.643, 45.042

■ 62, 41.010, 44.371

■ 52, 70.501, 45.423

■ 66, 31.917, 44.276

49, 79.169, 45.366

70, 23.446, 44.343

47, 84.322, 44.995

74, 15.599, 44.544

79, 8.348, 44.836

83, 1.645, 44.975

88, 4.564, 225.895

93, 10.335,
226.336

97, 14.463,
200.079

Harmonies

Complementary

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



58, 50.654, 44.635



68, 31.635, 233.110

Rectangle

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



58, 50.654, 44.635



58, 50.654, 94.635



58, 50.654, 224.635



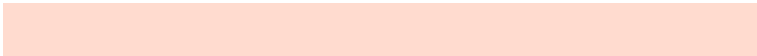
58, 50.654, 274.635

Sweetspot

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



58, 50.652, 44.639



90, 15.104, 44.635



55, 67.921, 337.038



47, 10.518, 44.557



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



58, 50.652, 44.639



64, 73.726, 45.181



74, 53.736, 89.272



42, 3.692, 44.934



38, 70.881, 45.454



6, 17.306, 33.661

Inverse Universe

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



68, 31.635, 233.110



78, 40.842, 236.883



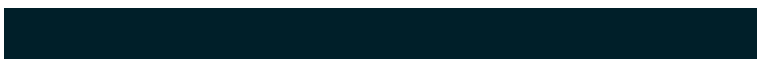
49, 57.949, 289.277



43, 3.494, 226.006



49, 33.454, 245.897



10, 12.309, 235.609

Previews

White Background



This preview shows how the CIELCh color 58, 50.654, 44.635 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 58, 50.654, 44.635 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 58, 50.654, 44.635

Background



This preview shows how black text looks on a background with the CIELCh color 58, 50.654, 44.635.

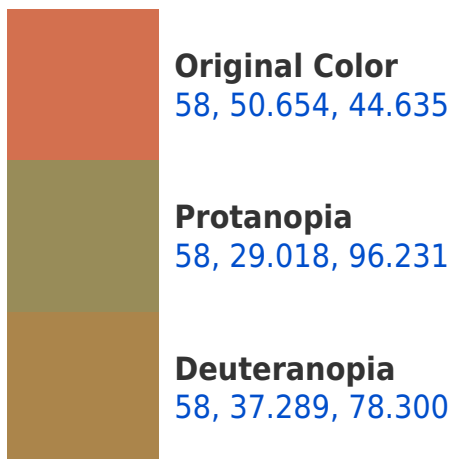


This preview shows how white text looks on a background with the CIELCh color 58, 50.654, 44.635.

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
58, 44.958, 19.592

Trichromacy



Original Color
58, 50.654, 44.635

Protanomaly
58, 32.591, 70.257

Deuteranomaly
58, 40.531, 62.721

Tritanomaly
58, 45.705, 29.562

Monochromacy



Original Color
58, 50.654, 44.635

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 16.866, 44.406

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 50.654, 44.635 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(211, 112, 79)` looks like.

```
.text, #text, p{  
    color:rgb(211, 112, 79)  
}
```

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(211, 112, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 112, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 50.654, 44.635 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(211, 112, 79) }
```

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

```
.border{ border-color:rgb(211, 112, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 112, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 112, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 112, 79);  
box-shadow:4px 4px 4px 4px rgb(211, 112,  
79) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 50.654, 44.635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 112, 79) }
```

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

```
.background{ background-color: rgb(211,  
112, 79) }
```

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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