

Converting Colors

CIELCh(58, 68.251, 63.311)

Have a look what the booklet for
CIELCh(58, 68.251, 63.311) contains.

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Color

CIELCh(58, 68.139, 63.584)

Conversions

Conversions Part 1

Format	Color
Hex	D07415
RGB	208, 116, 21
RGB Percent	82%, 45%, 8%
CMY	0.1842, 0.5450, 0.9176
CMYK	0.00, 0.44, 0.90, 0.18
HSL	30°, 82%, 45%
HSV	30°, 90%, 82%
XYZ	32.4002, 25.9610, 4.0137
YIQ	132.6780, 85.3270, -10.0410

Conversions

Conversions Part 2

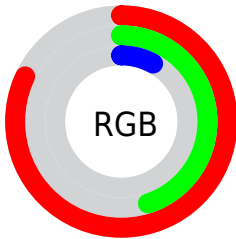
Format	Color
R _Y B	202, 208, 21
Decimal	13661205
CIE Lab	58.00, 30.31, 61.02
CIE LCh	58, 68.139, 63.584
Yxy	25.9610, 0.5194, 0.4162
Android (android.graphics.Color)	4291851285 (0xFFD07415)
YUV	132.6780, -55.0573, 66.0574
Hunter-Lab	50.9519, 24.3419, 30.9958

Details

The CIELCh color **58, 68.139, 63.584** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **48, 56.960, 280.735**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 63.302, 67.946**, and **38, 57.590, 57.325** is the 20% darker color. If you saturate the color by 10%, you get **56, 72.935, 60.958**, and if you desaturate by 10%, it is **60, 61.517, 65.630**.

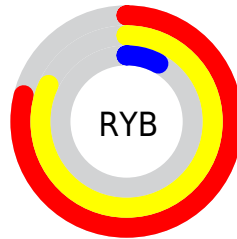
Distribution



Red (82%)

Green (45%)

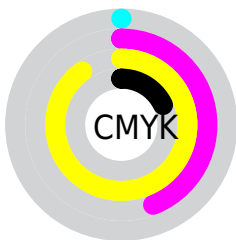
Blue (8%)



Red (79%)

Yellow (82%)

Blue (8%)

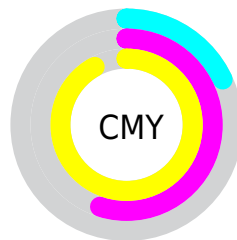


Cyan (0%)

Magenta (44%)

Yellow (90%)

Black (18%)



Cyan (18%)

Magenta (55%)

Yellow (92%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 68.139, 63.584 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, 68.139, 63.584 by changing the saturation by 10% instead.

 58, 68.139, 63.584

 58, 68.139, 63.584

 100, 68.139,
63.584

 48, 68.139, 63.584

 78, 68.139, 63.584

 38, 68.139, 63.584

 88, 68.139, 63.584

 28, 68.139, 63.584

 98, 68.139, 63.584

 18, 68.139, 63.584

 8, 68.139, 63.584

 0, 68.139, 63.584

 58, 68.139, 63.584

 58, 68.139, 63.584

 56, 72.935, 60.958

 60, 61.517, 65.630

 56, 72.987, 60.932

 63, 53.662, 67.237

66, 45.367, 68.645

68, 37.078, 69.970

71, 29.007, 71.264

74, 21.244, 72.540

77, 13.815, 73.798

80, 6.715, 75.019

84, 0.079, 261.025

Harmonies

Complementary

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



58, 68.139, 63.584



48, 56.960, 280.735

Rectangle

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



58, 68.139, 63.584



58, 68.139, 113.584



58, 68.139, 243.584



58, 68.139, 293.584

Sweetspot

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



58, 68.137, 63.587



90, 22.502, 72.866



46, 71.292, 358.415



47, 15.283, 72.428



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, 68.137, 63.587



67, 85.303, 60.450



81, 80.882, 103.037



42, 3.863, 75.075



46, 62.162, 61.539



9, 15.706, 59.622

Inverse Universe

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



48, 56.960, 280.735



54, 74.869, 285.797



27, 109.353, 305.403



42, 3.784, 257.571



36, 53.389, 284.514



6, 16.380, 272.778

Previews

White Background



This preview shows how the CIELCh color 58, 68.139, 63.584 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, 68.139, 63.584 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, 68.139, 63.584

Background



This preview shows how black text looks on a background with the CIELCh color 58, 68.139, 63.584.



This preview shows how white text looks on a background with the CIELCh color 58, 68.139, 63.584.

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

58, 68.139, 63.584

Protanopia

58, 56.873, 95.421

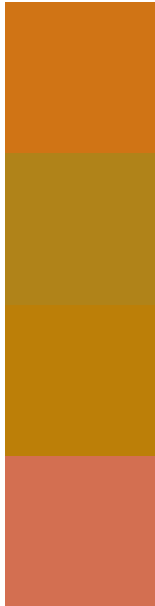
Deuteranopia

58, 63.791, 83.613



Tritanopia
58, 44.069, 19.325

Trichromacy



Original Color
58, 68.139, 63.584

Protanomaly
58, 58.476, 81.952

Deuteranomaly
58, 64.396, 76.076

Tritanomaly
58, 50.212, 43.039

Monochromacy



Original Color
58, 68.139, 63.584

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 25.125, 71.702

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 68.139, 63.584 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(208, 116, 21)` looks like.

```
.text, #text, p{  
    color:rgb(208, 116, 21)  
}
```

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(208, 116, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 116, 21) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 68.139, 63.584 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(208, 116, 21) }
```

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

```
.border{ border-color:rgb(208, 116, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 116, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 116, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 116, 21);  
box-shadow:4px 4px 4px 4px rgb(208, 116,  
21) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 68.139, 63.584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 116, 21) }
```

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

```
.background{ background-color: rgb(208,  
116, 21) }
```

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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