

Converting Colors

CIELCh(54, 74.177, 57.952)

Have a look what the booklet for
CIELCh(54, 74.177, 57.952) contains.

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Color

CIELCh(54, 73.825, 58.142)

Conversions

Conversions Part 1

Format	Color
Hex	CF6200
RGB	207, 98, 0
RGB Percent	81%, 38%, 0%
CMY	0.1886, 0.6159, 1.0000
CMYK	0.00, 0.53, 1.00, 0.19
HSL	28°, 100%, 41%
HSV	28°, 100%, 81%
XYZ	30.0682, 21.9746, 2.6536
YIQ	119.4190, 96.4220, -7.3700

Conversions

Conversions Part 2

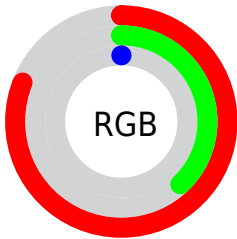
Format	Color
R_{YB}	207, 186, 0
Decimal	13591040
CIE _{Lab}	54.00, 38.97, 62.70
CIE _{LCh}	54, 73.825, 58.142
Yxy	21.9746, 0.5497, 0.4018
Android (android.graphics.Color)	4291781120 (0xFFCF6200)
YUV	119.4190, -58.8736, 76.8085
Hunter-Lab	46.8770, 32.4599, 29.4577

Details

The CIELCh color **54, 73.825, 58.142** 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 **46, 58.886, 281.708**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 68.386, 61.595**, and **34, 60.825, 49.306** is the 20% darker color. If you saturate the color by 10%, you get **54, 73.805, 58.135**, and if you desaturate by 10%, it is **56, 68.575, 60.631**.

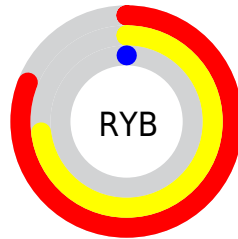
Distribution



Red (81%)

Green (38%)

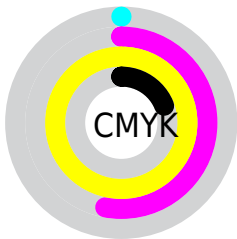
Blue (0%)



Red (81%)

Yellow (73%)

Blue (0%)

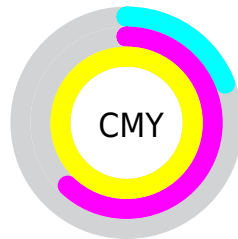


Cyan (0%)

Magenta (53%)

Yellow (100%)

Black (19%)



Cyan (19%)

Magenta (62%)

Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 73.825, 58.142 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 54, 73.825, 58.142 by changing the saturation by 10% instead.

 54, 73.825, 58.142

 54, 73.825, 58.142

 100, 73.825,
58.142

 44, 73.825, 58.142

 74, 73.825, 58.142

 34, 73.825, 58.142

 84, 73.825, 58.142

 24, 73.825, 58.142

 94, 73.825, 58.142

 14, 73.825, 58.142

 4, 73.825, 58.142

 0, 73.825, 58.142

 54, 73.825, 58.142

 54, 73.825, 58.142

 54, 73.805, 58.135

 56, 68.575, 60.631

 59, 61.598, 62.539

61, 53.487, 64.005

64, 45.040, 65.282

67, 36.683, 66.494

70, 28.613, 67.691

73, 20.906, 68.885

77, 13.579, 70.075

80, 6.617, 71.237

Harmonies

Complementary

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



54, 73.825, 58.142



46, 58.886, 281.708

Rectangle

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



54, 73.825, 58.142



54, 73.825, 108.142



54, 73.825, 238.142



54, 73.825, 288.142

Sweetspot

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



54, 73.805, 58.135



88, 24.794, 68.842



45, 72.839, 359.199



46, 17.106, 68.332



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



54, 73.805, 58.135



66, 86.660, 57.638



79, 80.760, 100.694



42, 3.781, 71.303



44, 63.071, 58.732



9, 15.729, 55.324

Inverse Universe

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



46, 58.886, 281.708



56, 69.747, 282.317



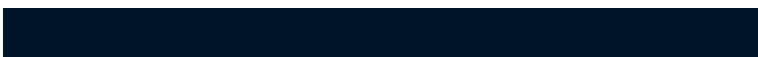
26, 112.870, 305.939



42, 3.684, 253.729



38, 49.800, 280.970



6, 15.630, 269.421

Previews

White Background



This preview shows how the CIELCh color 54, 73.825, 58.142 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 54, 73.825, 58.142 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 54, 73.825, 58.142

Background



This preview shows how black text looks on a background with the CIELCh color 54, 73.825, 58.142.



This preview shows how white text looks on a background with the CIELCh color 54, 73.825, 58.142.

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

54, 73.825, 58.142

Protanopia

54, 55.651, 95.398

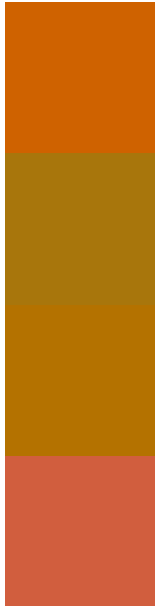
Deuteranopia

54, 60.295, 83.616



Tritanopia
54, 51.630, 23.070

Trichromacy



Original Color
54, 73.825, 58.142

Protanomaly
53, 58.475, 78.615

Deuteranomaly
54, 63.538, 72.566

Tritanomaly
54, 58.933, 42.618

Monochromacy



Original Color
54, 73.825, 58.142

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 28.052, 65.997

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 73.825, 58.142 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, 98, 0)` looks like.

```
.text, #text, p{  
    color:rgb(207, 98, 0)  
}
```

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, 98, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 98, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 73.825, 58.142 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, 98, 0) }
```

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

```
.border{ border-color:rgb(207, 98, 0) }
```

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

Here you see how a box with a 4 pixel rgb(207, 98, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 98, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 98, 0);  
box-shadow:4px 4px 4px 4px rgb(207, 98, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 54, 73.825, 58.142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 98, 0) }
```

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

```
.background{ background-color: rgb(207, 98,  
0) }
```

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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