

Converting Colors

CIELCh(54, 70.451, 60.510)

Have a look what the booklet for
CIELCh(54, 70.451, 60.510) contains.

CIELCh(54, 70.277, 60.541)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(54, 70.277, 60.541)

Conversions

Conversions Part 1

Format	Color
Hex	C96605
RGB	201, 102, 5
RGB Percent	79%, 40%, 2%
CMY	0.2112, 0.5995, 0.9796
CMYK	0.00, 0.49, 0.97, 0.21
HSL	30°, 95%, 40%
HSV	30°, 97%, 79%
XYZ	28.9172, 21.9746, 2.8668
YIQ	120.5430, 90.1410, -9.1790

Conversions

Conversions Part 2

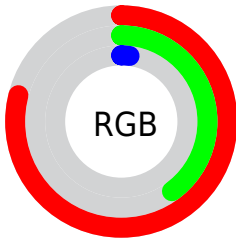
Format	Color
RYB	201, 197, 5
Decimal	13198853
CIELab	54.00, 34.56, 61.19
CIElCh	54, 70.277, 60.541
Yxy	21.9746, 0.5379, 0.4088
Android (android.graphics.Color)	4291388933 (0xFFC96605)
YUV	120.5430, -56.9627, 70.5608
Hunter-Lab	46.8770, 28.0772, 29.1880

Details

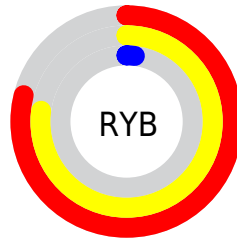
The CIELCh color **54, 70.277, 60.541** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **45, 58.520, 282.701**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 67.168, 62.411**, and **34, 57.741, 52.177** is the 20% darker color. If you saturate the color by 10%, you get **53, 71.540, 59.915**, and if you desaturate by 10%, it is **56, 65.081, 63.036**.

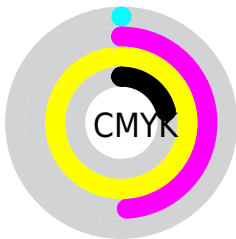
Distribution



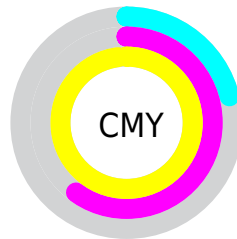
- Red (79%)
- Green (40%)
- Blue (2%)



- Red (79%)
- Yellow (77%)
- Blue (2%)



- Cyan (0%)
- Magenta (49%)
- Yellow (97%)
- Black (21%)



- Cyan (21%)
- Magenta (60%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 70.277, 60.541 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, 70.277, 60.541 by changing the saturation by 10% instead.

■ 54, 70.277, 60.541

■ 54, 70.277, 60.541

■ 100, 70.277,
60.541

■ 44, 70.277, 60.541

■ 74, 70.277, 60.541

■ 34, 70.277, 60.541

■ 84, 70.277, 60.541

■ 24, 70.277, 60.541

■ 94, 70.277, 60.541

■ 14, 70.277, 60.541

■ 4, 70.277, 60.541

■ 0, 70.277, 60.541

■ 54, 70.277, 60.541

■ 54, 70.277, 60.541

■ 53, 71.540, 59.915

■ 56, 65.081, 63.036

■ 59, 58.083, 64.879

61, 50.167, 66.364

64, 42.007, 67.695

67, 33.955, 68.968

70, 26.170, 70.221

73, 18.717, 71.464

76, 11.605, 72.691

79, 4.822, 73.868

Harmonies

Complementary

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



54, 70.277, 60.541



45, 58.520, 282.701

Rectangle

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



54, 70.277, 60.541



54, 70.277, 110.541



54, 70.277, 240.541



54, 70.277, 290.541

Sweetspot

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



54, 70.275, 60.543



89, 24.124, 71.217



44, 70.770, 359.701



46, 16.727, 70.680



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, 70.275, 60.543



67, 85.801, 59.343



78, 79.556, 101.859



40, 3.674, 73.646



44, 61.061, 60.535



7, 12.951, 56.816

Inverse Universe

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



45, 58.520, 282.701



55, 72.865, 284.504



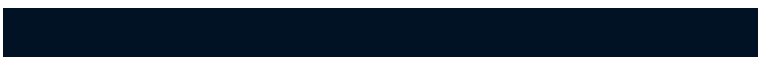
25, 109.960, 305.904



40, 3.593, 256.105



36, 50.697, 283.076



5, 13.933, 269.841

Previews

White Background



This preview shows how the CIELCh color 54, 70.277, 60.541 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, 70.277, 60.541 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, 70.277, 60.541

Background



This preview shows how black text looks on a background with the CIELCh color 54, 70.277, 60.541.



This preview shows how white text looks on a background with the CIELCh color 54, 70.277, 60.541.

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, 70.277, 60.541

Protanopia

54, 55.899, 95.401

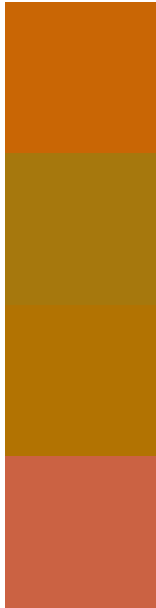
Deuteranopia

54, 60.295, 83.616



Tritanopia
54, 47.061, 21.235

Trichromacy



Original Color
54, 70.277, 60.541

Protanomaly
54, 58.013, 80.559

Deuteranomaly
54, 62.629, 73.667

Tritanomaly
54, 53.941, 43.117

Monochromacy



Original Color
54, 70.277, 60.541

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 26.609, 68.939

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 70.277, 60.541 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(201, 102, 5)` looks like.

```
.text, #text, p{  
    color:rgb(201, 102, 5)  
}
```

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(201, 102, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 102, 5) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 70.277, 60.541 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(201, 102, 5) }
```

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

```
.border{ border-color:rgb(201, 102, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 102, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 102, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 102, 5);  
box-shadow:4px 4px 4px 4px rgb(201, 102,  
5) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 70.277, 60.541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 102, 5) }
```

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

```
.background{ background-color: rgb(201,  
102, 5) }
```

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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