

Converting Colors

CIELCh(54, 70.618, 59.334)

Have a look what the booklet for
CIELCh(54, 70.618, 59.334) contains.

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Color

CIELCh(54, 70.630, 59.426)

Conversions

Conversions Part 1

Format	Color
Hex	CB6508
RGB	203, 101, 8
RGB Percent	80%, 40%, 3%
CMY	0.2045, 0.6044, 0.9695
CMYK	0.00, 0.50, 0.96, 0.20
HSL	29°, 93%, 41%
HSV	29°, 96%, 80%
XYZ	29.2704, 21.9746, 2.9221
YIQ	120.8960, 90.6450, -7.2990

Conversions

Conversions Part 2

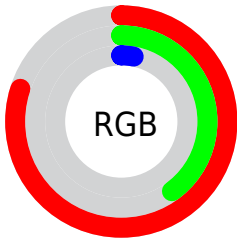
Format	Color
R _Y B	203, 186, 8
Decimal	13329672
CIE Lab	54.00, 35.93, 60.81
CIE LCh	54, 70.630, 59.426
Yxy	21.9746, 0.5404, 0.4057
Android (android.graphics.Color)	4291519752 (0xFFCB6508)
YUV	120.8960, -55.6577, 72.0052
Hunter-Lab	46.8770, 29.4222, 29.1180

Details

The CIELCh color **54, 70.630, 59.426** 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, 56.200, 280.345**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 66.853, 61.726**, and **34, 58.753, 51.378** is the 20% darker color. If you saturate the color by 10%, you get **53, 72.560, 58.498**, and if you desaturate by 10%, it is **56, 64.986, 61.796**.

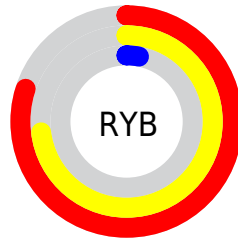
Distribution



Red (80%)

Green (40%)

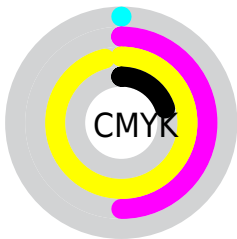
Blue (3%)



Red (80%)

Yellow (73%)

Blue (3%)

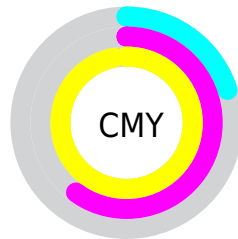


Cyan (0%)

Magenta (50%)

Yellow (96%)

Black (20%)



Cyan (20%)

Magenta (60%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 70.630, 59.426 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, 70.630, 59.426 by changing the saturation by 10% instead.

■ 54, 70.630, 59.426

■ 54, 70.630, 59.426

■ 100, 70.630,
59.426

■ 44, 70.630, 59.426

■ 74, 70.630, 59.426

■ 34, 70.630, 59.426

■ 84, 70.630, 59.426

■ 24, 70.630, 59.426

■ 94, 70.630, 59.426

■ 14, 70.630, 59.426

■ 4, 70.630, 59.426

■ 0, 70.630, 59.426

■ 54, 70.630, 59.426

■ 54, 70.630, 59.426

■ 53, 72.560, 58.498

■ 56, 64.986, 61.796

■ 59, 57.601, 63.506

61, 49.449, 64.892

64, 41.155, 66.149

67, 33.037, 67.363

70, 25.232, 68.569

73, 17.790, 69.771

76, 10.713, 70.962

80, 3.982, 72.094

Harmonies

Complementary

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



54, 70.630, 59.426



46, 56.200, 280.345

Rectangle

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



54, 70.630, 59.426



54, 70.630, 109.426



54, 70.630, 239.426



54, 70.630, 289.426

Sweetspot

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



54, 70.628, 59.428



89, 23.942, 69.384



44, 71.414, 357.745



46, 16.612, 68.864



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, 70.628, 59.428



66, 86.495, 57.949



77, 78.869, 100.830



41, 3.713, 71.744



44, 62.237, 59.092



8, 14.370, 54.968

Inverse Universe

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



46, 56.200, 280.345



56, 70.318, 282.734



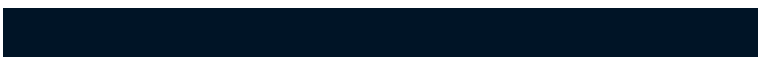
26, 109.324, 305.616



41, 3.620, 254.173



37, 49.580, 281.335



6, 14.722, 269.054

Previews

White Background



This preview shows how the CIELCh color 54, 70.630, 59.426 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, 70.630, 59.426 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, 70.630, 59.426

Background



This preview shows how black text looks on a background with the CIELCh color 54, 70.630, 59.426.



This preview shows how white text looks on a background with the CIELCh color 54, 70.630, 59.426.

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, 70.630, 59.426

Protanopia

54, 55.651, 95.398

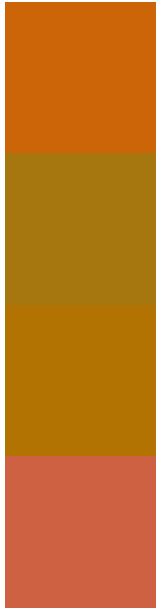
Deuteranopia

54, 60.295, 83.616



Tritanopia
54, 48.506, 22.249

Trichromacy



Original Color
54, 70.630, 59.426

Protanomaly
53, 57.714, 79.442

Deuteranomaly
54, 62.450, 73.606

Tritanomaly
54, 55.324, 42.809

Monochromacy



Original Color
54, 70.630, 59.426

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 26.456, 67.547

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 70.630, 59.426 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(203, 101, 8)` looks like.

```
.text, #text, p{  
    color:rgb(203, 101, 8)  
}
```

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(203, 101, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 101, 8) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 70.630, 59.426 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(203, 101, 8) }
```

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

```
.border{ border-color:rgb(203, 101, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 101, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 101, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 101, 8);  
box-shadow:4px 4px 4px 4px rgb(203, 101,  
8) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 70.630, 59.426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 101, 8) }
```

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

```
.background{ background-color: rgb(203,  
101, 8) }
```

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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