

Converting Colors

CIELCh(54, 72.784, 58.699)

Have a look what the booklet for
CIELCh(54, 72.784, 58.699) contains.

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Color

CIELCh(54, 72.622, 58.739)

Conversions

Conversions Part 1

Format	Color
Hex	CD6302
RGB	205, 99, 2
RGB Percent	80%, 39%, 1%
CMY	0.1952, 0.6110, 0.9910
CMYK	0.00, 0.52, 0.99, 0.20
HSL	29°, 98%, 41%
HSV	29°, 99%, 80%
XYZ	29.7306, 21.9746, 2.7404
YIQ	119.6360, 94.3130, -7.6950

Conversions

Conversions Part 2

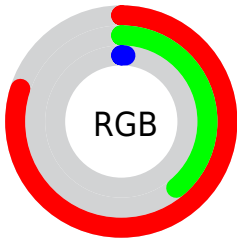
Format	Color
RYB	205, 188, 2
Decimal	13460226
CIELab	54.00, 37.69, 62.08
CIElCh	54, 72.622, 58.739
Yxy	21.9746, 0.5461, 0.4036
Android (android.graphics.Color)	4291650306 (0xFFCD6302)
YUV	119.6360, -57.9945, 74.8642
Hunter-Lab	46.8770, 31.1745, 29.3478

Details

The CIELCh color **54, 72.622, 58.739** 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, 58.336, 281.632**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 67.979, 61.864**, and **34, 59.589, 50.382** is the 20% darker color. If you saturate the color by 10%, you get **54, 73.202, 58.483**, and if you desaturate by 10%, it is **56, 67.356, 61.236**.

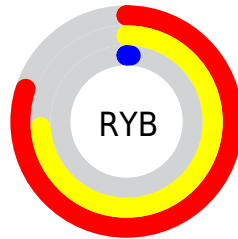
Distribution



Red (80%)

Green (39%)

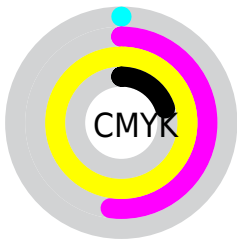
Blue (1%)



Red (80%)

Yellow (74%)

Blue (1%)

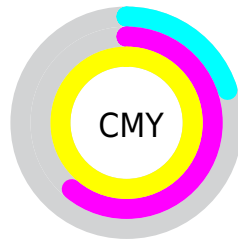


Cyan (0%)

Magenta (52%)

Yellow (99%)

Black (20%)



Cyan (20%)

Magenta (61%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 72.622, 58.739 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, 72.622, 58.739 by changing the saturation by 10% instead.

■ 54, 72.622, 58.739

■ 54, 72.622, 58.739

■ 100, 72.622,
58.739

■ 44, 72.622, 58.739

■ 74, 72.622, 58.739

■ 34, 72.622, 58.739

■ 84, 72.622, 58.739

■ 24, 72.622, 58.739

■ 94, 72.622, 58.739

■ 14, 72.622, 58.739

■ 4, 72.622, 58.739

■ 0, 72.622, 58.739

■ 54, 72.622, 58.739

■ 54, 72.622, 58.739

■ 54, 73.202, 58.483

■ 56, 67.356, 61.236

■ 59, 60.287, 63.093

61, 52.192, 64.546

64, 43.818, 65.828

67, 35.554, 67.051

70, 27.581, 68.259

73, 19.966, 69.464

76, 12.721, 70.661

80, 5.833, 71.823

Harmonies

Complementary

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



54, 72.622, 58.739



46, 58.336, 281.632

Rectangle

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



54, 72.622, 58.739



54, 72.622, 108.739



54, 72.622, 238.739



54, 72.622, 288.739

Sweetspot

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



54, 72.620, 58.741



88, 24.834, 69.283



45, 72.288, 358.766



46, 17.131, 68.769



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, 72.620, 58.741



66, 86.487, 57.964



78, 80.062, 100.734



41, 3.713, 71.766



44, 62.232, 59.107



8, 14.370, 54.993

Inverse Universe

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



46, 58.336, 281.632



56, 70.347, 282.756



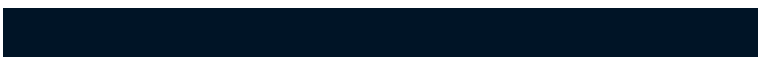
26, 111.653, 305.852



41, 3.621, 254.195



37, 49.600, 281.356



6, 14.725, 269.073

Previews

White Background



This preview shows how the CIELCh color 54, 72.622, 58.739 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, 72.622, 58.739 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, 72.622, 58.739

Background



This preview shows how black text looks on a background with the CIELCh color 54, 72.622, 58.739.



This preview shows how white text looks on a background with the CIELCh color 54, 72.622, 58.739.

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, 72.622, 58.739

Protanopia

54, 55.899, 95.401

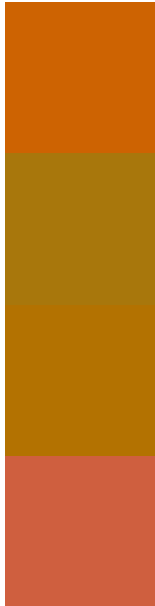
Deuteranopia

54, 60.295, 83.616



Tritanopia
54, 50.312, 22.738

Trichromacy



Original Color
54, 72.622, 58.739

Protanomaly
54, 58.554, 79.192

Deuteranomaly
54, 63.084, 72.848

Tritanomaly
54, 57.555, 42.878

Monochromacy



Original Color
54, 72.622, 58.739

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 27.668, 66.713

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 72.622, 58.739 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(205, 99, 2)` looks like.

```
.text, #text, p{  
    color:rgb(205, 99, 2)  
}
```

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(205, 99, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 99, 2) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 72.622, 58.739 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(205, 99, 2) }
```

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

```
.border{ border-color:rgb(205, 99, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 99, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 99, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 99, 2);  
box-shadow:4px 4px 4px 4px rgb(205, 99, 2)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 54, 72.622, 58.739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 99, 2) }
```

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

```
.background{ background-color: rgb(205, 99,  
2) }
```

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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