

Converting Colors

CIELCh(54, 65.076, 62.871)

Have a look what the booklet for
CIELCh(54, 65.076, 62.871) contains.

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Color

CIELCh(54, 65.029, 62.799)

Conversions

Conversions Part 1

Format	Color
Hex	C26A13
RGB	194, 106, 19
RGB Percent	76%, 42%, 7%
CMY	0.2373, 0.5827, 0.9272
CMYK	0.00, 0.45, 0.90, 0.24
HSL	30°, 83%, 42%
HSV	30°, 90%, 76%
XYZ	27.6874, 21.9746, 3.3794
YIQ	122.3940, 80.3750, -8.4010

Conversions

Conversions Part 2

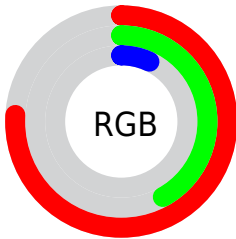
Format	Color
RYB	194, 192, 19
Decimal	12741139
CIELab	54.00, 29.73, 57.84
CIELCh	54, 65.029, 62.799
Yxy	21.9746, 0.5220, 0.4143
Android (android.graphics.Color)	4290931219 (0xFFC26A13)
YUV	122.3940, -50.9732, 62.7985
Hunter-Lab	46.8770, 23.3941, 28.5397

Details

The CIELCh color **54, 65.029, 62.799** 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, 53.385, 279.919**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 64.452, 62.909**, and **34, 54.332, 55.947** is the 20% darker color. If you saturate the color by 10%, you get **52, 69.596, 60.391**, and if you desaturate by 10%, it is **56, 58.694, 64.818**.

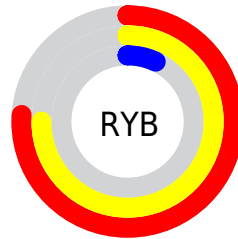
Distribution



Red (76%)

Green (42%)

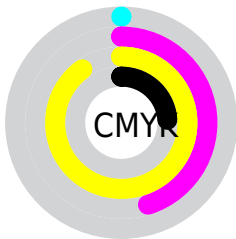
Blue (7%)



Red (76%)

Yellow (75%)

Blue (7%)

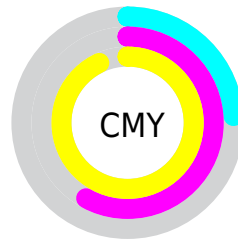


Cyan (0%)

Magenta (45%)

Yellow (90%)

Black (24%)



Cyan (24%)

Magenta (58%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 65.029, 62.799 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, 65.029, 62.799 by changing the saturation by 10% instead.

■ 54, 65.029, 62.799

■ 54, 65.029, 62.799

■ 100, 65.029,
62.799

■ 44, 65.029, 62.799

■ 74, 65.029, 62.799

■ 34, 65.029, 62.799

■ 84, 65.029, 62.799

■ 24, 65.029, 62.799

■ 94, 65.029, 62.799

■ 14, 65.029, 62.799

■ 4, 65.029, 62.799

■ 0, 65.029, 62.799

■ 54, 65.029, 62.799

■ 54, 65.029, 62.799

■ 52, 69.596, 60.391

■ 56, 58.694, 64.818

■ 59, 51.203, 66.393

61, 43.309, 67.769

64, 35.433, 69.065

67, 27.776, 70.331

70, 20.422, 71.585

72, 13.394, 72.823

75, 6.685, 74.029

78, 0.274, 73.977

Harmonies

Complementary

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



54, 65.029, 62.799



45, 53.385, 279.919

Rectangle

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



54, 65.029, 62.799



54, 65.029, 112.799



54, 65.029, 242.799



54, 65.029, 292.799

Sweetspot

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



54, 65.027, 62.802



89, 22.219, 71.961



43, 68.152, 357.055



47, 15.220, 71.528



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, 65.027, 62.802



66, 84.963, 59.750



76, 76.037, 102.060



39, 3.607, 74.155



43, 60.228, 60.969



6, 11.486, 58.159

Inverse Universe

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



45, 53.385, 279.919



54, 72.965, 284.938



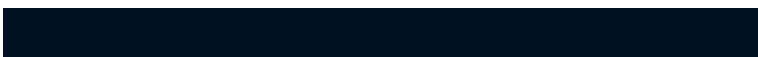
26, 103.124, 305.158



39, 3.529, 256.615



35, 50.520, 283.483



5, 12.812, 269.346

Previews

White Background



This preview shows how the CIELCh color 54, 65.029, 62.799 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, 65.029, 62.799 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, 65.029, 62.799

Background



This preview shows how black text looks on a background with the CIELCh color 54, 65.029, 62.799.



This preview shows how white text looks on a background with the CIELCh color 54, 65.029, 62.799.

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, 64.799, 62.676

Protanopia

54, 53.990, 95.371

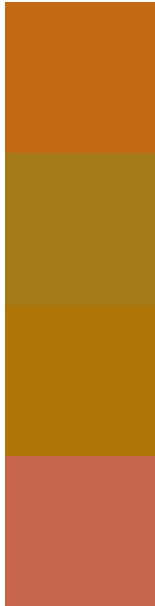
Deuteranopia

54, 60.295, 83.616



Tritanopia
54, 42.612, 19.947

Trichromacy



Original Color
54, 64.799, 62.676

Protanomaly
54, 55.258, 81.405

Deuteranomaly
54, 60.997, 75.557

Tritanomaly
54, 48.296, 42.819

Monochromacy



Original Color
54, 64.799, 62.676

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 23.832, 70.194

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 65.029, 62.799 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(194, 106, 19)` looks like.

```
.text, #text, p{  
    color:rgb(194, 106, 19)  
}
```

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(194, 106, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 106, 19) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 65.029, 62.799 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(194, 106, 19) }
```

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

```
.border{ border-color:rgb(194, 106, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 106, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 106, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 106, 19);  
box-shadow:4px 4px 4px 4px rgb(194, 106,  
19) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 65.029, 62.799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 106, 19) }
```

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

```
.background{ background-color: rgb(194,  
106, 19) }
```

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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