

Converting Colors

CIELCh(52, 65.415, 58.823)

Have a look what the booklet for
CIELCh(52, 65.415, 58.823) contains.

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Color

CIELCh(52, 65.130, 58.959)

Conversions

Conversions Part 1

Format	Color
Hex	C16214
RGB	193, 98, 20
RGB Percent	76%, 38%, 8%
CMY	0.2429, 0.6154, 0.9213
CMYK	0.00, 0.49, 0.90, 0.24
HSL	27°, 81%, 42%
HSV	27°, 90%, 76%
XYZ	26.5111, 20.1443, 3.1563
YIQ	117.5130, 81.6580, -4.1180

Conversions

Conversions Part 2

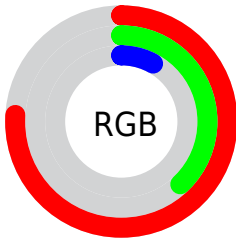
Format	Color
RYB	193, 162, 20
Decimal	12673556
CIELab	52.00, 33.58, 55.80
CIElCh	52, 65.130, 58.959
Yxy	20.1443, 0.5322, 0.4044
Android (android.graphics.Color)	4290863636 (0xFFC16214)
YUV	117.5130, -48.0739, 66.2021
Hunter-Lab	44.8824, 26.8918, 27.2482

Details

The CIELCh color **52, 65.130, 58.959** 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 **47, 48.025, 274.069**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 64.846, 58.909**, and **32, 55.550, 52.112** is the 20% darker color. If you saturate the color by 10%, you get **50, 70.542, 56.676**, and if you desaturate by 10%, it is **54, 58.172, 60.693**.

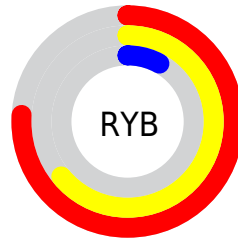
Distribution



Red (76%)

Green (38%)

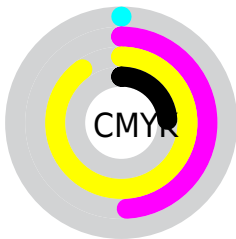
Blue (8%)



Red (76%)

Yellow (64%)

Blue (8%)

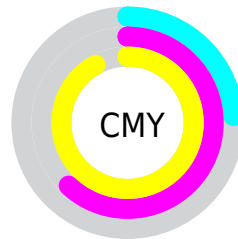


Cyan (0%)

Magenta (49%)

Yellow (90%)

Black (24%)



Cyan (24%)

Magenta (62%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 65.130, 58.959 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 52, 65.130, 58.959 by changing the saturation by 10% instead.

■ 52, 65.130, 58.959

■ 52, 65.130, 58.959

■ 100, 65.130,
58.959

■ 42, 65.130, 58.959

■ 72, 65.130, 58.959

■ 32, 65.130, 58.959

■ 82, 65.130, 58.959

■ 22, 65.130, 58.959

■ 92, 65.130, 58.959

■ 12, 65.130, 58.959

■ 2, 65.130, 58.959

■ 0, 65.130, 58.959

■ 52, 65.130, 58.959

■ 52, 65.130, 58.959

■ 50, 70.542, 56.676

■ 54, 58.172, 60.693

■ 50, 70.765, 56.598

■ 57, 50.281, 62.015

60, 42.173, 63.175

63, 34.217, 64.289

66, 26.578, 65.402

69, 19.316, 66.525

72, 12.439, 67.652

75, 5.927, 68.757

78, 0.248, 251.556

Harmonies

Complementary

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



52, 65.130, 58.959



47, 48.025, 274.069

Rectangle

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



52, 65.130, 58.959



52, 65.130, 108.959



52, 65.130, 238.959



52, 65.130, 288.959

Sweetspot

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



52, 65.128, 58.962



88, 21.594, 66.771



43, 68.411, 354.012



45, 14.689, 66.383



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



52, 65.128, 58.962



63, 86.285, 55.961



73, 73.588, 100.065



39, 3.509, 68.782



42, 61.530, 57.156



6, 11.467, 52.826

Inverse Universe

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



47, 48.025, 274.069



57, 65.486, 279.769



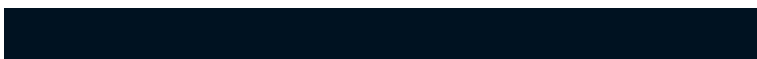
26, 99.582, 304.387



39, 3.408, 251.122



37, 45.818, 278.246



5, 12.158, 264.888

Previews

White Background



This preview shows how the CIELCh color 52, 65.130, 58.959 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 52, 65.130, 58.959 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 52, 65.130, 58.959

Background



This preview shows how black text looks on a background with the CIELCh color 52, 65.130, 58.959.



This preview shows how white text looks on a background with the CIELCh color 52, 65.130, 58.959.

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

52, 65.130, 58.959

Protanopia

52, 51.384, 95.582

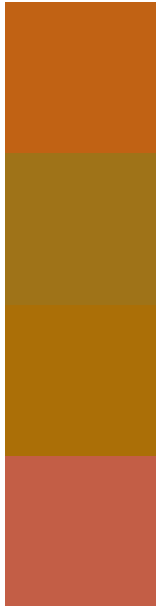
Deuteranopia

52, 58.619, 83.399



Tritanopia
52, 45.644, 21.055

Trichromacy



Original Color
52, 65.130, 58.959

Protanomaly
51, 53.127, 79.825

Deuteranomaly
52, 59.834, 73.717

Tritanomaly
52, 50.437, 40.219

Monochromacy



Original Color
52, 65.130, 58.959

Achromatopsia
50, 0.007, 296.813

Achromatomaly
49, 23.323, 66.069

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 65.130, 58.959 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(193, 98, 20)` looks like.

```
.text, #text, p{  
    color:rgb(193, 98, 20)  
}
```

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(193, 98, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 98, 20) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 65.130, 58.959 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(193, 98, 20) }
```

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

```
.border{ border-color:rgb(193, 98, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 98, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 98, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 98, 20);  
box-shadow:4px 4px 4px 4px rgb(193, 98,  
20) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 65.130, 58.959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 98, 20) }
```

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

```
.background{ background-color: rgb(193, 98,  
20) }
```

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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