

Converting Colors

CIELCh(56, 66.674, 58.740)

Have a look what the booklet for
CIELCh(56, 66.674, 58.740) contains.

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Color

CIELCh(56, 66.691, 58.550)

Conversions

Conversions Part 1

Format	Color
Hex	CF6B1D
RGB	207, 107, 29
RGB Percent	81%, 42%, 11%
CMY	0.1877, 0.5799, 0.8858
CMYK	0.00, 0.48, 0.86, 0.19
HSL	26°, 75%, 46%
HSV	26°, 86%, 81%
XYZ	31.2621, 23.9124, 4.1384
YIQ	128.0080, 84.6380, -3.0580

Conversions

Conversions Part 2

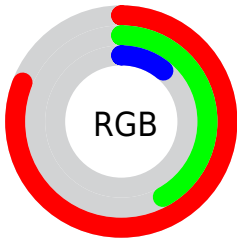
Format	Color
R _Y B	207, 168, 29
Decimal	13593373
CIE Lab	56.00, 34.80, 56.89
CIE LCh	56, 66.691, 58.550
Yxy	23.9124, 0.5271, 0.4032
Android (android.graphics.Color)	4291783453 (0xFFCF6B1D)
YUV	128.0080, -48.8109, 69.2760
Hunter-Lab	48.9003, 28.5400, 29.2126

Details

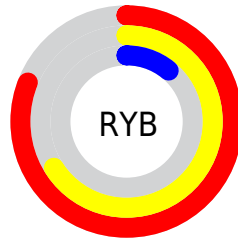
The CIELCh color **56, 66.691, 58.550** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **52, 47.860, 270.970**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 61.365, 62.096**, and **36, 59.016, 53.245** is the 20% darker color. If you saturate the color by 10%, you get **54, 72.920, 56.387**, and if you desaturate by 10%, it is **59, 58.755, 60.041**.

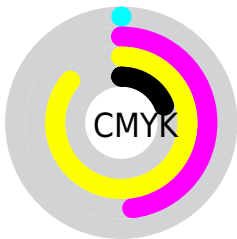
Distribution



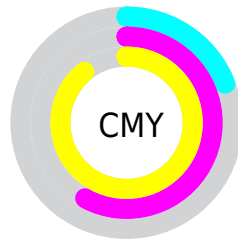
- Red (81%)
- Green (42%)
- Blue (11%)



- Red (81%)
- Yellow (66%)
- Blue (11%)



- Cyan (0%)
- Magenta (48%)
- Yellow (86%)
- Black (19%)



- Cyan (19%)
- Magenta (58%)
- Yellow (89%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 66.691, 58.550 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 56, 66.691, 58.550 by changing the saturation by 10% instead.

 56, 66.691, 58.550

 56, 66.691, 58.550

 100, 66.691,
58.550

 46, 66.691, 58.550

 76, 66.691, 58.550


 36, 66.691, 58.550

 86, 66.691, 58.550

 26, 66.691, 58.550

 96, 66.691, 58.550

 16, 66.691, 58.550

 6, 66.691, 58.550

 0, 66.691, 58.550

 56, 66.691, 58.550

 56, 66.691, 58.550

 54, 72.920, 56.387

 59, 58.755, 60.041

 53, 75.162, 55.474

 61, 50.164, 61.223

64, 41.541, 62.302

68, 33.183, 63.363

71, 25.215, 64.438

74, 17.672, 65.528

78, 10.549, 66.623

81, 3.819, 67.666

85, 2.556, 249.052

Harmonies

Complementary

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



56, 66.691, 58.550



52, 47.860, 270.970

Rectangle

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



56, 66.691, 58.550



56, 66.691, 108.550



56, 66.691, 238.550



56, 66.691, 288.550

Sweetspot

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



56, 66.689, 58.553



89, 20.994, 65.487



47, 71.882, 351.773



46, 14.378, 65.104



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



56, 66.689, 58.553



64, 88.227, 54.987



78, 75.520, 99.211



42, 3.715, 67.321



43, 64.137, 56.068



8, 15.845, 51.055

Inverse Universe

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



52, 47.860, 270.970



59, 64.823, 278.332



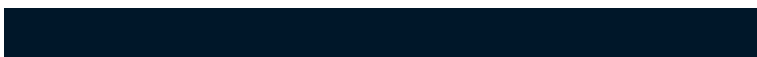
30, 100.405, 303.378



42, 3.600, 249.638



39, 46.364, 276.925



7, 14.890, 265.459

Previews

White Background



This preview shows how the CIELCh color 56, 66.691, 58.550 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 56, 66.691, 58.550 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 56, 66.691, 58.550

Background



This preview shows how black text looks on a background with the CIELCh color 56, 66.691, 58.550.



This preview shows how white text looks on a background with the CIELCh color 56, 66.691, 58.550.

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

56, 66.691, 58.550

Protanopia

56, 52.210, 95.571

Deuteranopia

56, 59.137, 83.284



Tritanopia
56, 47.155, 21.053

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 66.691, 58.550 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(207, 107, 29)` looks like.

```
.text, #text, p{  
    color:rgb(207, 107, 29)  
}
```

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(207, 107, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 107, 29) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 66.691, 58.550 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(207, 107, 29) }
```

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

```
.border{ border-color:rgb(207, 107, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 107, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 107, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 107, 29);  
box-shadow:4px 4px 4px 4px rgb(207, 107,  
29) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 66.691, 58.550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 107, 29) }
```

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

```
.background{ background-color: rgb(207,  
107, 29) }
```

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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