

Converting Colors

CIELCh(58, 69.053, 62.745)

Have a look what the booklet for
CIELCh(58, 69.053, 62.745) contains.

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Color

CIELCh(58, 69.126, 62.746)

Conversions

Conversions Part 1

Format	Color
Hex	D27314
RGB	210, 115, 20
RGB Percent	82%, 45%, 8%
CMY	0.1771, 0.5495, 0.9223
CMYK	0.00, 0.45, 0.91, 0.18
HSL	30°, 83%, 45%
HSV	30°, 91%, 82%
XYZ	32.7749, 25.9610, 3.9368
YIQ	132.5750, 87.1150, -9.4050

Conversions

Conversions Part 2

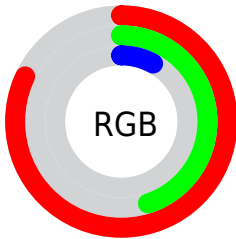
Format	Color
R _Y B	210, 210, 20
Decimal	13792020
CIE Lab	58.00, 31.66, 61.45
CIE LCh	58, 69.126, 62.746
Yxy	25.9610, 0.5230, 0.4142
Android (android.graphics.Color)	4291982100 (0xFFD27314)
YUV	132.5750, -55.4995, 67.9017
Hunter-Lab	50.9519, 25.6545, 31.0852

Details

The CIELCh color **58, 69.126, 62.746** 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 **48, 56.944, 280.264**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 63.277, 67.426**, and **38, 58.538, 56.337** is the 20% darker color. If you saturate the color by 10%, you get **56, 73.712, 60.263**, and if you desaturate by 10%, it is **60, 62.493, 64.811**.

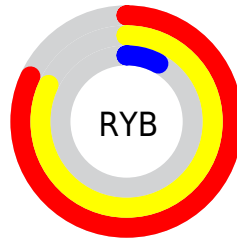
Distribution



Red (82%)

Green (45%)

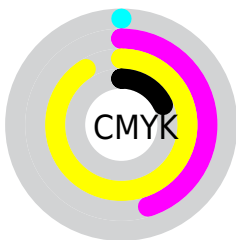
Blue (8%)



Red (82%)

Yellow (82%)

Blue (8%)

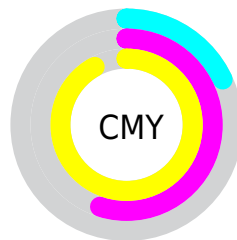


Cyan (0%)

Magenta (45%)

Yellow (91%)

Black (18%)



Cyan (18%)

Magenta (55%)

Yellow (92%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 69.126, 62.746 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 58, 69.126, 62.746 by changing the saturation by 10% instead.

 58, 69.126, 62.746

 58, 69.126, 62.746

 100, 69.126,
62.746

 48, 69.126, 62.746

 78, 69.126, 62.746

 38, 69.126, 62.746

 88, 69.126, 62.746

 28, 69.126, 62.746

 98, 69.126, 62.746

 18, 69.126, 62.746

 8, 69.126, 62.746

 0, 69.126, 62.746

 58, 69.126, 62.746

 58, 69.126, 62.746

 56, 73.712, 60.263

 60, 62.493, 64.811

 63, 54.571, 66.412

66, 46.187, 67.803

69, 37.806, 69.111

71, 29.653, 70.387

75, 21.820, 71.648

78, 14.334, 72.895

81, 7.189, 74.109

84, 0.362, 74.327

Harmonies

Complementary

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



58, 69.126, 62.746



48, 56.944, 280.264

Rectangle

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



58, 69.126, 62.746



58, 69.126, 112.746



58, 69.126, 242.746



58, 69.126, 292.746

Sweetspot

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



58, 69.124, 62.749



90, 22.412, 72.056



46, 71.899, 358.673



47, 15.226, 71.623



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



58, 69.124, 62.749



67, 85.589, 59.804



82, 81.629, 103.019



42, 3.843, 74.244



45, 62.352, 60.895



9, 15.703, 58.653

Inverse Universe

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



48, 56.944, 280.264



55, 73.700, 285.052



28, 110.577, 305.485



42, 3.760, 256.727



36, 52.569, 283.755



6, 16.211, 272.069

Previews

White Background



This preview shows how the CIELCh color 58, 69.126, 62.746 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 58, 69.126, 62.746 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 58, 69.126, 62.746

Background



This preview shows how black text looks on a background with the CIELCh color 58, 69.126, 62.746.



This preview shows how white text looks on a background with the CIELCh color 58, 69.126, 62.746.

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

58, 69.126, 62.746

Protanopia

58, 57.169, 95.426

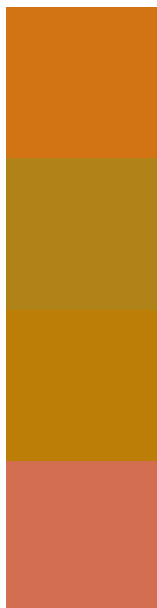
Deuteranopia

58, 63.791, 83.613



Tritanopia
58, 45.372, 19.700

Trichromacy



Original Color
58, 69.126, 62.746

Protanomaly
58, 58.751, 82.016

Deuteranomaly
58, 64.770, 75.259

Tritanomaly
58, 51.155, 42.796

Monochromacy



Original Color
58, 69.126, 62.746

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 25.453, 70.873

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 69.126, 62.746 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(210, 115, 20)` looks like.

```
.text, #text, p{  
    color:rgb(210, 115, 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(210, 115, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 115, 20) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 69.126, 62.746 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(210, 115, 20) }
```

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

```
.border{ border-color:rgb(210, 115, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 115, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 115, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 115, 20);  
box-shadow:4px 4px 4px 4px rgb(210, 115,  
20) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 69.126, 62.746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 115, 20) }
```

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

```
.background{ background-color: rgb(210,  
115, 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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