

Converting Colors

CIELCh(57, 56.969, 62.584)

Have a look what the booklet for
CIELCh(57, 56.969, 62.584) contains.

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Color

CIELCh(57, 57.015, 62.524)

Conversions

Conversions Part 1

Format	Color
Hex	C6752E
RGB	198, 117, 46
RGB Percent	78%, 46%, 18%
CMY	0.2236, 0.5412, 0.8196
CMYK	0.00, 0.41, 0.77, 0.22
HSL	28°, 62%, 48%
HSV	28°, 77%, 78%
XYZ	30.1398, 24.9227, 5.8060
YIQ	133.1250, 71.0670, -4.9090

Conversions

Conversions Part 2

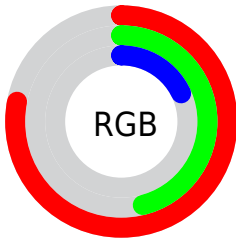
Format	Color
R _Y B	198, 179, 46
Decimal	13006126
CIE Lab	57.00, 26.31, 50.58
CIE LCh	57, 57.015, 62.524
Yxy	24.9227, 0.4952, 0.4095
Android (android.graphics.Color)	4291196206 (0xFFC6752E)
YUV	133.1250, -42.9526, 56.8954
Hunter-Lab	49.9226, 20.4014, 28.0504

Details

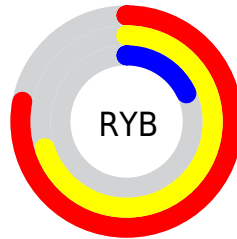
The CIELCh color **57, 57.015, 62.524** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **52, 43.848, 270.374**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 55.786, 64.140**, and **37, 54.261, 60.658** is the 20% darker color. If you saturate the color by 10%, you get **55, 64.300, 60.848**, and if you desaturate by 10%, it is **60, 48.965, 63.874**.

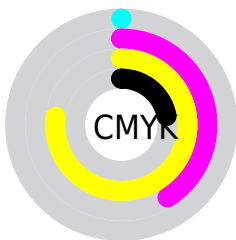
Distribution



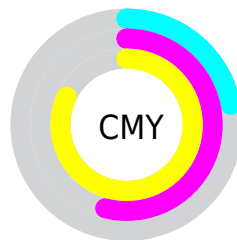
- Red (78%)
- Green (46%)
- Blue (18%)



- Red (78%)
- Yellow (70%)
- Blue (18%)



- Cyan (0%)
- Magenta (41%)
- Yellow (77%)
- Black (22%)



- Cyan (22%)
- Magenta (54%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 57.015, 62.524 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 57, 57.015, 62.524 by changing the saturation by 10% instead.

■ 57, 57.015, 62.524

■ 57, 57.015, 62.524

■ 100, 57.015,
62.524

■ 47, 57.015, 62.524

■ 77, 57.015, 62.524

■ 37, 57.015, 62.524

■ 87, 57.015, 62.524

■ 27, 57.015, 62.524

■ 97, 57.015, 62.524

■ 17, 57.015, 62.524

■ 7, 57.015, 62.524

■ 0, 57.015, 62.524

■ 57, 57.015, 62.524

■ 57, 57.015, 62.524

■ 55, 64.300, 60.848

■ 60, 48.965, 63.874

■ 52, 69.889, 58.510

■ 62, 40.784, 65.090

52, 71.568, 57.772

65, 32.786, 66.268

68, 25.108, 67.440

71, 17.798, 68.615

74, 10.859, 69.782

78, 4.270, 70.901

81, 1.999, 252.347

84, 7.979, 253.335

Harmonies

Complementary

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



57, 57.015, 62.524



52, 43.848, 270.374

Rectangle

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



57, 57.015, 62.524



57, 57.015, 112.524



57, 57.015, 242.524



57, 57.015, 292.524

Sweetspot

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



57, 57.014, 62.527



91, 18.609, 69.016



46, 65.200, 351.850



47, 13.006, 68.586



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



57, 57.014, 62.527



67, 82.535, 59.383



76, 70.196, 101.776



40, 3.615, 70.621



43, 61.793, 58.350



7, 12.962, 53.608

Inverse Universe

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



52, 43.848, 270.374



60, 63.547, 277.843



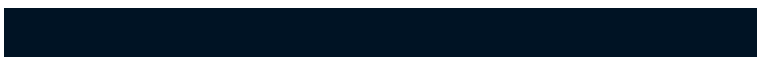
32, 89.755, 302.284



40, 3.520, 253.017



37, 47.968, 280.171



5, 13.493, 267.283

Previews

White Background



This preview shows how the CIELCh color 57, 57.015, 62.524 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 57, 57.015, 62.524 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 57, 57.015, 62.524

Background



This preview shows how black text looks on a background with the CIELCh color 57, 57.015, 62.524.



This preview shows how white text looks on a background with the CIELCh color 57, 57.015, 62.524.

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

57, 57.015, 62.524

Protanopia

57, 46.814, 96.044

Deuteranopia

57, 51.750, 81.617



Tritanopia
57, 38.960, 17.813

Trichromacy



Original Color
57, 57.015, 62.524

Protanomaly
57, 47.828, 82.070

Deuteranomaly
57, 52.906, 74.199

Tritanomaly
57, 42.210, 39.481

Monochromacy



Original Color
57, 57.015, 62.524

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 20.052, 67.338

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 57.015, 62.524 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(198, 117, 46)` looks like.

```
.text, #text, p{  
    color:rgb(198, 117, 46)  
}
```

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(198, 117, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 117, 46) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 57.015, 62.524 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(198, 117, 46) }
```

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

```
.border{ border-color:rgb(198, 117, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 117, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 117, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 117, 46);  
box-shadow:4px 4px 4px 4px rgb(198, 117,  
46) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 57.015, 62.524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 117, 46) }
```

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

```
.background{ background-color: rgb(198,  
117, 46) }
```

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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