

Converting Colors

CIELCh(57, 53.942, 59.669)

Have a look what the booklet for
CIELCh(57, 53.942, 59.669) contains.

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Color

CIELCh(57, 53.681, 59.488)

Conversions

Conversions Part 1

Format	Color
Hex	C67437
RGB	198, 116, 55
RGB Percent	78%, 45%, 22%
CMY	0.2218, 0.5436, 0.7829
CMYK	0.00, 0.41, 0.72, 0.22
HSL	26°, 56%, 50%
HSV	26°, 72%, 78%
XYZ	30.3923, 24.9227, 6.8683
YIQ	133.5640, 68.4530, -1.5870

Conversions

Conversions Part 2

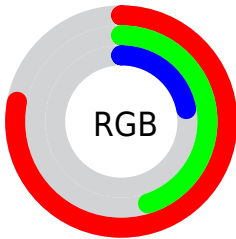
Format	Color
RYB	198, 161, 55
Decimal	13005879
CIELab	57.00, 27.25, 46.25
CIELCh	57, 53.681, 59.488
Yxy	24.9227, 0.4888, 0.4008
Android (android.graphics.Color)	4291195959 (0xFFC67437)
YUV	133.5640, -38.7321, 56.5104
Hunter-Lab	49.9226, 21.3042, 26.7888

Details

The CIELCh color **57, 53.681, 59.488** 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 **55, 39.054, 263.362**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 52.210, 60.806**, and **37, 53.833, 59.675** is the 20% darker color. If you saturate the color by 10%, you get **54, 61.802, 58.240**, and if you desaturate by 10%, it is **60, 45.246, 60.545**.

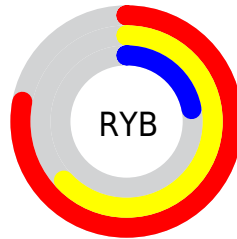
Distribution



Red (78%)

Green (45%)

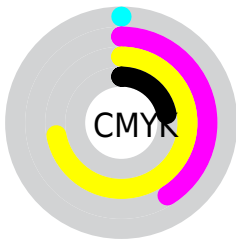
Blue (22%)



Red (78%)

Yellow (63%)

Blue (22%)

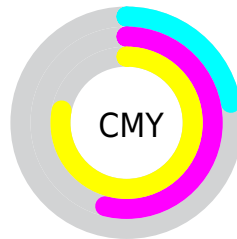


Cyan (0%)

Magenta (41%)

Yellow (72%)

Black (22%)



Cyan (22%)

Magenta (54%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 53.681, 59.488 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, 53.681, 59.488 by changing the saturation by 10% instead.

■ 57, 53.681, 59.488

■ 57, 53.681, 59.488

■ 100, 53.681,
59.488

■ 47, 53.681, 59.488

■ 77, 53.681, 59.488

■ 37, 53.681, 59.488

■ 87, 53.681, 59.488

■ 27, 53.681, 59.488

■ 97, 53.681, 59.488

■ 17, 53.681, 59.488

■ 7, 53.681, 59.488

■ 0, 53.681, 59.488

■ 57, 53.681, 59.488

■ 57, 53.681, 59.488

■ 54, 61.802, 58.240

■ 60, 45.246, 60.545

■ 52, 68.756, 56.485

■ 63, 36.949, 61.549

50, 73.173, 54.753

66, 28.991, 62.561

69, 21.447, 63.596

73, 14.328, 64.650

76, 7.617, 65.702

79, 1.282, 66.510

83, 4.715, 248.004

86, 10.411,
249.014

Harmonies

Complementary

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



57, 53.681, 59.488



55, 39.054, 263.362

Rectangle

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



57, 53.681, 59.488



57, 53.681, 109.488



57, 53.681, 239.488



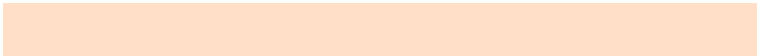
57, 53.681, 289.488

Sweetspot

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



57, 53.680, 59.491



91, 17.493, 64.626



48, 64.527, 347.463



47, 11.851, 64.335



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, 53.680, 59.491



67, 80.100, 57.241



75, 64.915, 99.284



40, 3.547, 65.980



41, 63.025, 55.328



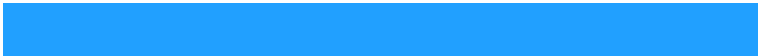
6, 13.039, 49.188

Inverse Universe

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



55, 39.054, 263.362



64, 55.990, 270.467



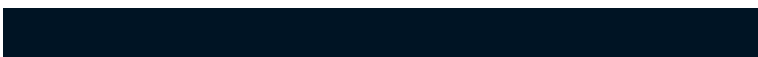
36, 79.855, 299.557



40, 3.433, 248.238



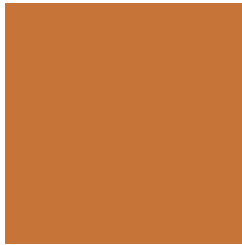
39, 44.171, 275.347



6, 12.867, 262.968

Previews

White Background



This preview shows how the CIELCh color 57, 53.681, 59.488 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, 53.681, 59.488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

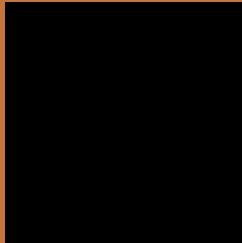
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 53.681, 59.488

Background



This preview shows how black text looks on a background with the CIELCh color 57, 53.681, 59.488.



This preview shows how white text looks on a background with the CIELCh color 57, 53.681, 59.488.

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, 53.681, 59.488

Protanopia

57, 41.707, 95.658

Deuteranopia

57, 47.822, 80.914



Tritanopia
57, 38.960, 17.813

Trichromacy



Original Color
57, 53.681, 59.488

Protanomaly
57, 43.352, 80.419

Deuteranomaly
57, 48.855, 72.247

Tritanomaly
57, 41.648, 36.750

Monochromacy



Original Color
57, 53.681, 59.488

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 18.374, 65.268

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 53.681, 59.488 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, 116, 55)` looks like.

```
.text, #text, p{  
    color:rgb(198, 116, 55)  
}
```

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, 116, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 116, 55) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 53.681, 59.488 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, 116, 55) }
```

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

```
.border{ border-color:rgb(198, 116, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 116, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 116, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 116, 55);  
box-shadow:4px 4px 4px 4px rgb(198, 116,  
55) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 53.681, 59.488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 116, 55) }
```

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

```
.background{ background-color: rgb(198,  
116, 55) }
```

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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