

Converting Colors

CIELCh(63, 57.703, 120.834)

Have a look what the booklet for
CIELCh(63, 57.703, 120.834)
contains.

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Color

CIELCh(63, 57.712, 120.827)

Conversions

Conversions Part 1

Format	Color
Hex	7FA53A
RGB	127, 165, 58
RGB Percent	50%, 65%, 23%
CMY	0.5032, 0.3542, 0.7737
CMYK	0.23, 0.00, 0.65, 0.35
HSL	81°, 48%, 44%
HSV	81°, 65%, 65%
XYZ	22.8597, 31.5869, 8.8543
YIQ	141.4400, 11.6990, -41.3330

Conversions

Conversions Part 2

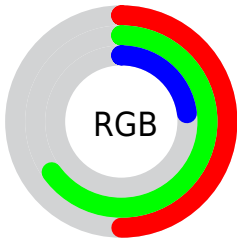
Format	Color
RYB	58, 165, 96
Decimal	8365370
CIELab	63.00, -29.57, 49.56
CIElCh	63, 57.712, 120.827
Yxy	31.5869, 0.3611, 0.4990
Android (android.graphics.Color)	4286555450 (0xFF7FA53A)
YUV	141.4400, -41.1359, -12.6639
Hunter-Lab	56.2022, -25.7509, 30.0008

Details

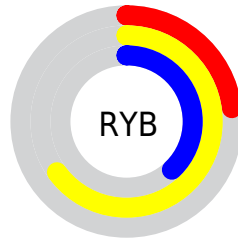
The CIELCh color **63, 57.712, 120.827** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **34, 66.169, 308.285**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 57.708, 120.861**, and **43, 56.608, 121.312** is the 20% darker color. If you saturate the color by 10%, you get **63, 64.488, 120.791**, and if you desaturate by 10%, it is **64, 49.906, 121.103**.

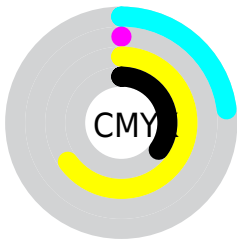
Distribution



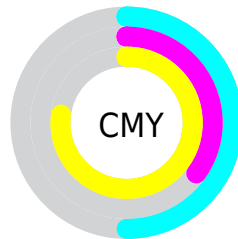
- Red (50%)
- Green (65%)
- Blue (23%)



- Red (23%)
- Yellow (65%)
- Blue (38%)



- Cyan (23%)
- Magenta (0%)
- Yellow (65%)
- Black (35%)




- Cyan (50%)
- Magenta (35%)
- Yellow (77%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 57.712, 120.827 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 63, 57.712, 120.827 by changing the saturation by 10% instead.

 63, 57.712,
120.827

 63, 57.712,
120.827


 100, 57.712,
120.827


 53, 57.712,
120.827


 83, 57.712,
120.827


 43, 57.712,
120.827


 93, 57.712,
120.827

 33, 57.712,
120.827

 23, 57.712,
120.827

 13, 57.712,
120.827

 3, 57.712, 120.827

 0, 57.712, 120.827

■ 63, 57.712,
120.827

■ 63, 57.712,
120.827

■ 63, 64.488,
120.791

■ 64, 49.906,
121.103

■ 62, 69.831,
121.102

■ 64, 41.416,
121.522

■ 62, 73.435,
121.858

■ 65, 32.495,
122.020

■ 62, 74.908,
122.303

■ 66, 23.319,
122.551

■ 66, 14.008,
123.089

■ 67, 4.644, 123.621

■ 68, 4.717, 304.095

■ 69, 14.035,
304.573

■ 70, 23.279,
305.012

Harmonies

Complementary

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



63, 57.712, 120.827



34, 66.169, 308.285

Rectangle

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



63, 57.712, 120.827



63, 57.712, 170.827



63, 57.712, 300.827



63, 57.712, 350.827

Sweetspot

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



63, 57.713, 120.829



84, 22.013, 122.854



48, 41.480, 53.249



44, 15.114, 122.707



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



63, 57.713, 120.829



79, 81.574, 120.880



60, 66.253, 136.090



34, 5.255, 123.392



55, 68.270, 122.141



5, 8.288, 125.964

Inverse Universe

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



34, 66.169, 308.285



38, 97.025, 309.113



41, 66.849, 322.849



32, 5.345, 304.344



19, 84.375, 309.309



1, 8.162, 302.615

Previews

White Background



This preview shows how the CIELCh color 63, 57.712, 120.827 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 63, 57.712, 120.827 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 ✓ Pass

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

CIELCh 63, 57.712, 120.827

Background



This preview shows how black text looks on a background with the CIELCh color 63, 57.712, 120.827.



This preview shows how white text looks on a background with the CIELCh color 63, 57.712, 120.827.

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](#).

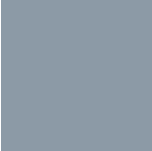
Dichromacy



Original Color
63, 57.712, 120.827

Protanopia
63, 52.118, 95.307

Deuteranopia
63, 48.794, 80.585



Tritanopia
63, 8.315, 253.211

Trichromacy



Original Color
63, 57.712, 120.827

Protanomaly
63, 53.032, 105.822

Deuteranomaly
62, 48.307, 97.230

Tritanomaly
63, 19.568, 136.155

Monochromacy



Original Color
63, 57.712, 120.827

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 22.511, 122.652

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 57.712, 120.827 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(127, 165, 58)` looks like.

```
.text, #text, p{  
    color:rgb(127, 165, 58)  
}
```

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(127, 165, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 165, 58) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 57.712, 120.827 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(127, 165, 58) }
```

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

```
.border{ border-color:rgb(127, 165, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 165, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 165, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 165, 58);  
box-shadow:4px 4px 4px 4px rgb(127, 165,  
58) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 57.712, 120.827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 165, 58) }
```

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

```
.background{ background-color: rgb(127,  
165, 58) }
```

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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