

Converting Colors

CIELCh(57, 67.656, 119.461)

Have a look what the booklet for
CIELCh(57, 67.656, 119.461)
contains.

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Color

CIELCh(57, 67.688, 119.618)

Conversions

Conversions Part 1

Format	Color
Hex	6A9606
RGB	106, 150, 6
RGB Percent	42%, 59%, 2%
CMY	0.5840, 0.4114, 0.9757
CMYK	0.29, 0.00, 0.96, 0.41
HSL	78°, 92%, 31%
HSV	78°, 96%, 59%
XYZ	16.9078, 24.9227, 4.0968
YIQ	120.4280, 20.0000, -54.1120

Conversions

Conversions Part 2

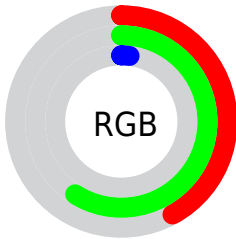
Format	Color
RYB	6, 150, 50
Decimal	6985222
CIELab	57.00, -33.45, 58.84
CIELCh	57, 67.688, 119.618
Yxy	24.9227, 0.3681, 0.5427
Android (android.graphics.Color)	4285175302 (0xFF6A9606)
YUV	120.4280, -56.4130, -12.6534
Hunter-Lab	49.9226, -26.9102, 30.0803

Details

The CIELCh color **57, 67.688, 119.618** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **20, 84.996, 308.471**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 67.439, 119.702**, and **37, 53.580, 126.196** is the 20% darker color. If you saturate the color by 10%, you get **57, 68.850, 119.921**, and if you desaturate by 10%, it is **57, 64.476, 118.945**.

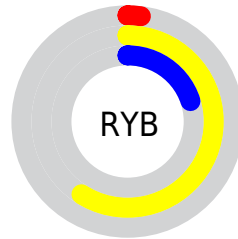
Distribution



Red (42%)

Green (59%)

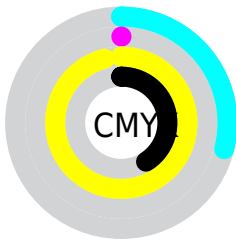
Blue (2%)



Red (2%)

Yellow (59%)

Blue (20%)

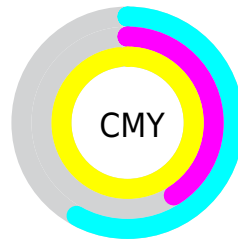


Cyan (29%)

Magenta (0%)

Yellow (96%)

Black (41%)



Cyan (58%)


Magenta (41%)

Yellow (98%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 67.688, 119.618 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, 67.688, 119.618 by changing the saturation by 10% instead.

 57, 67.688,
119.618


 57, 67.688,
119.618

 100, 67.688,
119.618


 47, 67.688,
119.618

 77, 67.688,
119.618

 37, 67.688,
119.618

 87, 67.688,
119.618

 27, 67.688,
119.618

 97, 67.688,
119.618

 17, 67.688,
119.618

 7, 67.688, 119.618

 0, 67.688, 119.618

■ 57, 67.688,
119.618

■ 57, 67.688,
119.618

■ 57, 68.850,
119.921

■ 57, 64.476,
118.945

■ 58, 59.699,
118.677

■ 58, 53.581,
118.744

■ 59, 46.491,
119.043

■ 59, 38.751,
119.485

■ 60, 30.598,
120.009

■ 60, 22.196,
120.571

■ 61, 13.656,

121.142

■ 62, 5.054, 121.707

Harmonies

Complementary

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



57, 67.688, 119.618



20, 84.996, 308.471

Rectangle

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



57, 67.688, 119.618



57, 67.688, 169.618



57, 67.688, 299.618



57, 67.688, 349.618

Sweetspot

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



57, 67.688, 119.620



77, 30.913, 120.359



35, 60.595, 47.943



40, 21.330, 120.138



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



57, 67.688, 119.620



73, 84.141, 120.218



54, 77.735, 134.472



31, 4.803, 121.520



52, 64.615, 119.810



2, 4.214, 122.018

Inverse Universe

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



20, 84.996, 308.471



27, 106.614, 308.364



30, 78.089, 320.958



29, 4.889, 302.539



17, 81.808, 308.625



0, 4.215, 302.017

Previews

White Background



This preview shows how the CIE LCh color 57, 67.688, 119.618 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, 67.688, 119.618 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, 67.688, 119.618

Background



This preview shows how black text looks on a background with the CIELCh color 57, 67.688, 119.618.



This preview shows how white text looks on a background with the CIELCh color 57, 67.688, 119.618.

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](#).

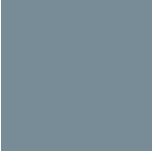
Dichromacy



Original Color
57, 67.688, 119.618

Protanopia
57, 61.631, 95.325

Deuteranopia
57, 56.205, 82.227



Tritanopia
57, 9.468, 240.585

Trichromacy



Original Color
57, 67.688, 119.618

Protanomaly
57, 62.412, 105.030

Deuteranomaly
56, 57.348, 98.107

Tritanomaly
57, 28.559, 132.060

Monochromacy



Original Color
57, 67.688, 119.618

Achromatopsia
51, 0.007, 296.813

Achromatomaly
53, 30.711, 119.644

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 67.688, 119.618 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(106, 150, 6)` looks like.

```
.text, #text, p{  
    color:rgb(106, 150, 6)  
}
```

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(106, 150, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 150, 6) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 67.688, 119.618 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(106, 150, 6) }
```

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

```
.border{ border-color:rgb(106, 150, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 150, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 150, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 150, 6);  
box-shadow:4px 4px 4px 4px rgb(106, 150,  
6) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 67.688, 119.618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 150, 6) }
```

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

```
.background{ background-color: rgb(106,  
150, 6) }
```

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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