

Converting Colors

CIELCh(57, 67.668, 111.213)

Have a look what the booklet for
CIELCh(57, 67.668, 111.213)
contains.

CIELCh(57, 64.912, 111.773)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(57, 64.912, 111.773)

Conversions

Conversions Part 1

Format	Color
Hex	7C9200
RGB	124, 146, 0
RGB Percent	49%, 57%, 0%
CMY	0.5129, 0.4266, 0.9984
CMYK	0.15, 0.00, 1.00, 0.43
HSL	69°, 99%, 29%
HSV	69°, 100%, 57%
XYZ	18.6558, 24.9227, 3.8388
YIQ	122.7780, 33.7540, -50.0700

Conversions

Conversions Part 2

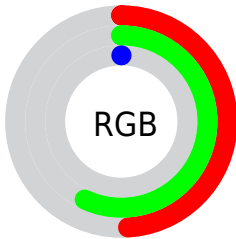
Format	Color
RYB	0, 146, 22
Decimal	8163840
CIELab	57.00, -24.08, 60.28
CIElCh	57, 64.912, 111.773
Yxy	24.9227, 0.3934, 0.5256
Android (android.graphics.Color)	4286353920 (0xFF7C9200)
YUV	122.7780, -60.5296, 1.0717
Hunter-Lab	49.9226, -20.6602, 30.3867

Details

The CIELCh color **57, 64.912, 111.773** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **17, 87.253, 306.972**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 64.979, 111.825**, and **37, 48.735, 116.686** is the 20% darker color. If you saturate the color by 10%, you get **57, 64.982, 111.784**, and if you desaturate by 10%, it is **57, 62.424, 111.443**.

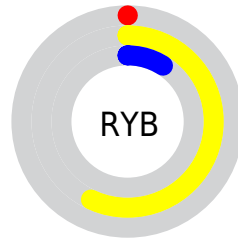
Distribution



Red (49%)

Green (57%)

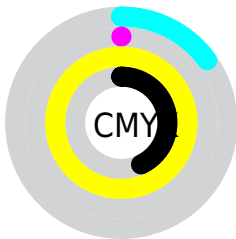
Blue (0%)



Red (0%)

Yellow (57%)

Blue (9%)

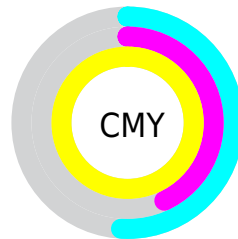


Cyan (15%)

Magenta (0%)

Yellow (100%)

Black (43%)



Cyan (51%)


Magenta (43%)

Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 64.912, 111.773 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, 64.912, 111.773 by changing the saturation by 10% instead.

 57, 64.912,
111.773


 57, 64.912,
111.773


 100, 64.912,
111.773

 47, 64.912,
111.773


 77, 64.912,
111.773


 37, 64.912,
111.773

 87, 64.912,
111.773

 27, 64.912,
111.773

 97, 64.912,
111.773

 17, 64.912,
111.773

 7, 64.912, 111.773

 0, 64.912, 111.773

■ 57, 64.912,
111.773

■ 57, 64.912,
111.773

■ 57, 64.982,
111.784

■ 57, 62.424,
111.443

■ 57, 58.662,
111.360

■ 58, 53.426,
111.568

■ 58, 47.073,
111.993

■ 58, 39.949,
112.563

■ 59, 32.323,
113.224

■ 59, 24.385,
113.934

■ 60, 16.260,

114.664

■ 60, 8.032, 115.394

Harmonies

Complementary

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



57, 64.912, 111.773



17, 87.253, 306.972

Rectangle

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



57, 64.912, 111.773



57, 64.912, 161.773



57, 64.912, 291.773



57, 64.912, 341.773

Sweetspot

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



57, 64.912, 111.775



76, 30.626, 113.868



31, 65.893, 42.109



40, 21.000, 113.593



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



57, 64.912, 111.775



73, 79.271, 111.963



53, 74.987, 131.873



31, 4.714, 115.431



54, 62.197, 111.738



3, 4.140, 116.090

Inverse Universe

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



17, 87.253, 306.972



24, 106.766, 306.880



25, 79.668, 316.035



29, 4.811, 296.790



15, 83.641, 307.030



0, 4.141, 296.090

Previews

White Background



This preview shows how the CIELCh color 57, 64.912, 111.773 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, 64.912, 111.773 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, 64.912, 111.773

Background



This preview shows how black text looks on a background with the CIELCh color 57, 64.912, 111.773.



This preview shows how white text looks on a background with the CIELCh color 57, 64.912, 111.773.

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, 64.912, 111.773

Protanopia

57, 61.631, 95.325

Deuteranopia

57, 57.550, 83.088



Tritanopia
57, 6.281, 290.922

Trichromacy



Original Color
57, 64.912, 111.773

Protanomaly
57, 62.042, 101.548

Deuteranomaly
57, 58.693, 94.336

Tritanomaly
57, 26.029, 114.705

Monochromacy



Original Color
57, 64.912, 111.773

Achromatopsia
52, 0.007, 296.813

Achromatomaly
53, 30.086, 113.205

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 64.912, 111.773 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(124, 146, 0)` looks like.

```
.text, #text, p{  
    color:rgb(124, 146, 0)  
}
```

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(124, 146, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 146, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 64.912, 111.773 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(124, 146, 0) }
```

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

```
.border{ border-color:rgb(124, 146, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 146, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 146, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 146, 0);  
box-shadow:4px 4px 4px 4px rgb(124, 146,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 64.912, 111.773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 146, 0) }
```

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

```
.background{ background-color: rgb(124,  
146, 0) }
```

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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