

Converting Colors

CIELCh(57, 67.870, 122.859)

Have a look what the booklet for
CIELCh(57, 67.870, 122.859)
contains.

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Color

CIELCh(57, 67.742, 122.898)

Conversions

Conversions Part 1

Format	Color
Hex	629711
RGB	98, 151, 17
RGB Percent	38%, 59%, 7%
CMY	0.6141, 0.4062, 0.9346
CMYK	0.35, 0.00, 0.89, 0.41
HSL	84°, 80%, 33%
HSV	84°, 89%, 59%
XYZ	16.3122, 24.9227, 4.4679
YIQ	119.8770, 11.4260, -52.9100

Conversions

Conversions Part 2

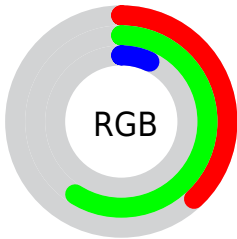
Format	Color
R_{YB}	17, 151, 70
Decimal	6461201
CIE _{Lab}	57.00, -36.79, 56.88
CIE _{LCh}	57, 67.742, 122.898
Yxy	24.9227, 0.3569, 0.5453
Android (android.graphics.Color)	4284651281 (0xFF629711)
YUV	119.8770, -50.7184, -19.1861
Hunter-Lab	49.9226, -29.0397, 29.6396

Details

The CIELCh color **57, 67.742, 122.898** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **23, 80.784, 310.070**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 67.913, 123.075**, and **37, 55.560, 129.240** is the 20% darker color. If you saturate the color by 10%, you get **57, 70.920, 123.741**, and if you desaturate by 10%, it is **57, 63.188, 122.418**.

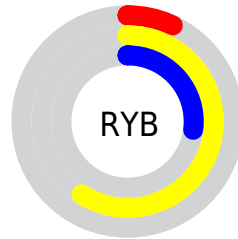
Distribution



Red (38%)

Green (59%)

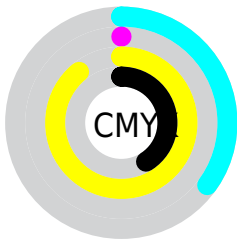
Blue (7%)



Red (7%)

Yellow (59%)

Blue (27%)

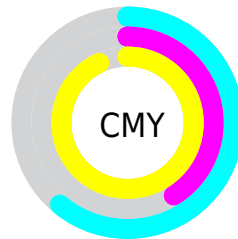


Cyan (35%)

Magenta (0%)

Yellow (89%)

Black (41%)



Cyan (61%)

Magenta (41%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 67.742, 122.898 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, 67.742, 122.898 by changing the saturation by 10% instead.

 57, 67.742,
122.898


 57, 67.742,
122.898

 100, 67.742,
122.898

 47, 67.742,
122.898

 77, 67.742,
122.898

 37, 67.742,
122.898

 87, 67.742,
122.898

 27, 67.742,
122.898

 97, 67.742,
122.898

 17, 67.742,
122.898

 7, 67.742, 122.898

 0, 67.742, 122.898

■ 57, 67.742,
122.898

■ 57, 67.742,
122.898

■ 57, 70.920,
123.741

■ 57, 63.188,
122.418

■ 57, 71.235,
123.821

■ 58, 57.189,
122.327

■ 58, 50.110,
122.510

■ 59, 42.294,
122.866

■ 60, 34.006,
123.319

■ 60, 25.434,
123.818

■ 61, 16.703,
124.329

■ 62, 7.904, 124.835

Harmonies

Complementary

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



57, 67.742, 122.898



23, 80.784, 310.070

Rectangle

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



57, 67.742, 122.898



57, 67.742, 172.898



57, 67.742, 302.898



57, 67.742, 352.898

Sweetspot

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



57, 67.742, 122.899



77, 29.303, 123.892



39, 54.597, 54.117



40, 19.876, 123.733



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, 67.742, 122.899



72, 86.555, 124.140



55, 77.004, 135.509



32, 5.016, 124.822



53, 67.307, 123.712



3, 5.445, 125.629

Inverse Universe

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



23, 80.784, 310.070



28, 104.873, 309.704



34, 76.062, 324.007



30, 5.097, 305.710



19, 81.567, 309.986



1, 5.429, 305.016

Previews

White Background



This preview shows how the CIE LCh color 57, 67.742, 122.898 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, 67.742, 122.898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

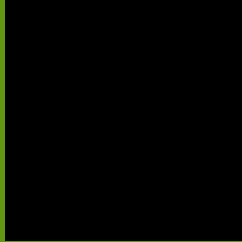
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 67.742, 122.898

Background



This preview shows how black text looks on a background with the CIELCh color 57, 67.742, 122.898.



This preview shows how white text looks on a background with the CIELCh color 57, 67.742, 122.898.

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, 67.555, 122.969

Protanopia
57, 59.828, 95.316

Deuteranopia
57, 54.691, 82.347



Tritanopia
57, 11.353, 232.394

Trichromacy



Original Color
57, 67.555, 122.969

Protanomaly
57, 60.724, 106.593

Deuteranomaly
56, 55.546, 99.610

Tritanomaly
57, 28.138, 139.545

Monochromacy



Original Color
57, 67.555, 122.969

Achromatopsia
50, 0.007, 296.813

Achromatomaly
52, 28.995, 123.204

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 67.742, 122.898 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(98, 151, 17)` looks like.

```
.text, #text, p{  
    color:rgb(98, 151, 17)  
}
```

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(98, 151, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 151, 17) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 67.742, 122.898 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(98, 151, 17) }
```

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

```
.border{ border-color:rgb(98, 151, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 151, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 151, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 151, 17);  
box-shadow:4px 4px 4px 4px rgb(98, 151,  
17) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 67.742, 122.898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 151, 17) }
```

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

```
.background{ background-color: rgb(98, 151,  
17) }
```

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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