

Converting Colors

CIELCh(57, 70.882, 122.145)

Have a look what the booklet for
CIELCh(57, 70.882, 122.145)
contains.

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Color

CIELCh(57, 70.571, 122.203)

Conversions

Conversions Part 1

Format	Color
Hex	629800
RGB	98, 152, 0
RGB Percent	38%, 60%, 0%
CMY	0.6171, 0.4052, 1.0000
CMYK	0.36, 0.00, 1.00, 0.41
HSL	81°, 100%, 30%
HSV	81°, 100%, 59%
XYZ	16.1691, 24.9227, 3.9392
YIQ	118.5260, 16.6080, -58.7200

Conversions

Conversions Part 2

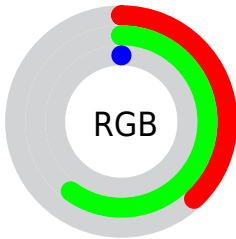
Format	Color
RYB	0, 152, 54
Decimal	6461440
CIELab	57.00, -37.61, 59.71
CIELCh	57, 70.571, 122.203
Yxy	24.9227, 0.3591, 0.5535
Android (android.graphics.Color)	4284651520 (0xFF629800)
YUV	118.5260, -58.4333, -18.0013
Hunter-Lab	49.9226, -29.5514, 30.2675

Details

The CIELCh color **57, 70.571, 122.203** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **20, 87.063, 309.287**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 70.563, 122.198**, and **37, 55.722, 129.521** is the 20% darker color. If you saturate the color by 10%, you get **57, 70.476, 122.239**, and if you desaturate by 10%, it is **57, 67.459, 121.420**.

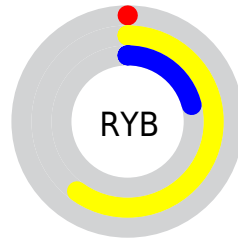
Distribution



Red (38%)

Green (60%)

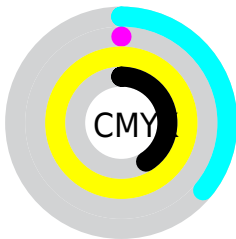
Blue (0%)



Red (0%)

Yellow (60%)

Blue (21%)

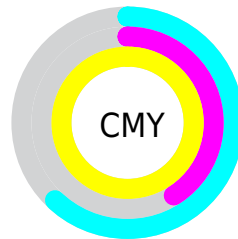


Cyan (36%)

Magenta (0%)

Yellow (100%)

Black (41%)



Cyan (62%)


Magenta (41%)


Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 70.571, 122.203 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, 70.571, 122.203 by changing the saturation by 10% instead.


 57, 70.571,
122.203


 57, 70.571,
122.203


 100, 70.571,
122.203


 47, 70.571,
122.203


 77, 70.571,
122.203

 37, 70.571,
122.203

 87, 70.571,
122.203

 27, 70.571,
122.203

 97, 70.571,
122.203

 17, 70.571,
122.203

 7, 70.571, 122.203

 0, 70.571, 122.203

■ 57, 70.571,
122.203

■ 57, 70.571,
122.203

■ 57, 70.476,
122.239

■ 57, 67.459,
121.420

■ 58, 63.167,
120.920

■ 58, 57.390,
120.814

■ 59, 50.488,
120.991

■ 59, 42.811,
121.349

■ 60, 34.633,
121.813

■ 60, 26.150,
122.329

■ 61, 17.493,

122.862

■ 62, 8.753, 123.392

Harmonies

Complementary

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



57, 70.571, 122.203



20, 87.063, 309.287

Rectangle

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



57, 70.571, 122.203



57, 70.571, 172.203



57, 70.571, 302.203



57, 70.571, 352.203

Sweetspot

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



57, 70.476, 122.239



76, 32.266, 122.297



36, 62.089, 50.626



40, 22.139, 122.094



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, 70.476, 122.239



72, 85.500, 122.545



55, 80.223, 135.052



32, 4.982, 123.432



53, 66.512, 122.132



3, 5.409, 124.291

Inverse Universe

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



20, 87.063, 309.287



28, 105.641, 309.089



32, 79.359, 322.580



30, 5.066, 304.373



18, 82.162, 309.357



1, 5.395, 303.671

Previews

White Background



This preview shows how the CIELCh color 57, 70.571, 122.203 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, 70.571, 122.203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

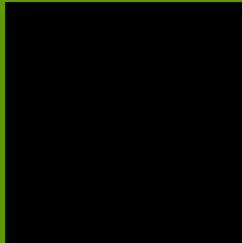
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 70.571, 122.203

Background



This preview shows how black text looks on a background with the CIELCh color 57, 70.571, 122.203.



This preview shows how white text looks on a background with the CIELCh color 57, 70.571, 122.203.

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, 70.571, 122.203

Protanopia
57, 61.631, 95.325

Deuteranopia
57, 56.205, 82.227



Tritanopia
57, 11.353, 232.394

Trichromacy



Original Color
57, 70.571, 122.203

Protanomaly
57, 62.822, 106.253

Deuteranomaly
56, 57.950, 99.484

Tritanomaly
56, 31.035, 136.269

Monochromacy



Original Color
57, 70.571, 122.203

Achromatopsia
50, 0.007, 296.813

Achromatomaly
52, 32.169, 121.302

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 70.571, 122.203 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, 152, 0)` looks like.

```
.text, #text, p{  
    color:rgb(98, 152, 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(98, 152, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 152, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 70.571, 122.203 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, 152, 0) }
```

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

```
.border{ border-color:rgb(98, 152, 0) }
```

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

Here you see how a box with a 4 pixel rgb(98, 152, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 152, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 152, 0);  
box-shadow:4px 4px 4px 4px rgb(98, 152, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 57, 70.571, 122.203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 152, 0) }
```

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

```
.background{ background-color: rgb(98, 152,  
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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