

Converting Colors

CIELCh(57, 67.175, 117.543)

Have a look what the booklet for
CIELCh(57, 67.175, 117.543)
contains.

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Color

CIELCh(57, 67.193, 117.507)

Conversions

Conversions Part 1

Format	Color
Hex	6F9502
RGB	111, 149, 2
RGB Percent	44%, 58%, 1%
CMY	0.5642, 0.4152, 0.9912
CMYK	0.25, 0.00, 0.98, 0.42
HSL	76°, 97%, 30%
HSV	76°, 98%, 58%
XYZ	17.3479, 24.9227, 3.9602
YIQ	120.8800, 24.5390, -53.7730

Conversions

Conversions Part 2

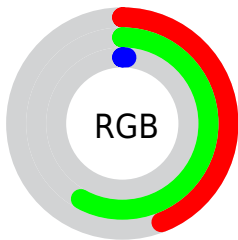
Format	Color
R_{YB}	2, 149, 40
Decimal	7312642
CIE _{Lab}	57.00, -31.03, 59.60
CIE _{LCh}	57, 67.193, 117.507
Yxy	24.9227, 0.3752, 0.5391
Android (android.graphics.Color)	4285502722 (0xFF6F9502)
YUV	120.8800, -58.6078, -8.6648
Hunter-Lab	49.9226, -25.3366, 30.2425

Details

The CIELCh color **57, 67.193, 117.507** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **19, 86.617, 307.904**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 67.062, 117.291**, and **37, 52.261, 124.089** is the 20% darker color. If you saturate the color by 10%, you get **57, 67.600, 117.602**, and if you desaturate by 10%, it is **57, 64.371, 116.874**.

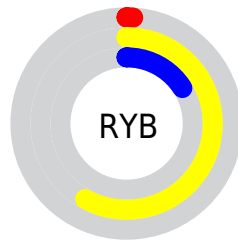
Distribution



Red (44%)

Green (58%)

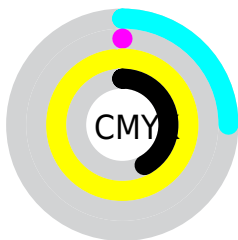
Blue (1%)



Red (1%)

Yellow (58%)

Blue (16%)

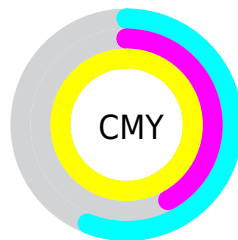


Cyan (25%)

Magenta (0%)

Yellow (98%)

Black (42%)



Cyan (56%)


Magenta (42%)


Yellow (99%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 67.193, 117.507 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, 67.193, 117.507 by changing the saturation by 10% instead.


 57, 67.193,
117.507


 57, 67.193,
117.507

 100, 67.193,
117.507


 47, 67.193,
117.507


 77, 67.193,
117.507

 37, 67.193,
117.507

 87, 67.193,
117.507

 27, 67.193,
117.507

 97, 67.193,
117.507

 17, 67.193,
117.507

 7, 67.193, 117.507

 0, 67.193, 117.507

■ 57, 67.193,
117.507

■ 57, 67.193,
117.507

■ 57, 67.600,
117.602

■ 57, 64.371,
116.874

■ 58, 60.138,
116.579

■ 58, 54.471,
116.628

■ 58, 47.733,
116.923

■ 59, 40.266,
117.377

■ 59, 32.328,
117.924

■ 60, 24.100,
118.520

■ 60, 15.705,

119.132

■ 61, 7.223, 119.742

Harmonies

Complementary

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



57, 67.193, 117.507



19, 86.617, 307.904

Rectangle

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



57, 67.193, 117.507



57, 67.193, 167.507



57, 67.193, 297.507



57, 67.193, 347.507

Sweetspot

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



57, 67.193, 117.509



76, 31.378, 118.392



34, 63.549, 45.562



39, 21.291, 118.164



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, 67.193, 117.509



72, 82.164, 117.866



54, 77.461, 133.766



31, 4.770, 119.699



53, 63.756, 117.509



2, 4.187, 120.240

Inverse Universe

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



19, 86.617, 307.904



25, 106.380, 307.803



29, 79.025, 319.187



29, 4.860, 300.809



16, 82.451, 308.030



0, 4.188, 300.239

Previews

White Background



This preview shows how the CIELCh color 57, 67.193, 117.507 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 CIE LCh color 57, 67.193, 117.507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

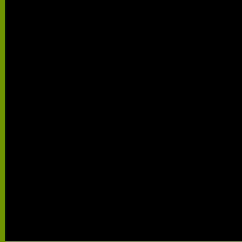
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 67.193, 117.507

Background



This preview shows how black text looks on a background with the CIELCh color 57, 67.193, 117.507.



This preview shows how white text looks on a background with the CIELCh color 57, 67.193, 117.507.

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, 67.193, 117.507

Protanopia
57, 61.631, 95.325

Deuteranopia
57, 56.516, 82.301



Tritanopia
57, 8.018, 250.789

Trichromacy



Original Color
57, 67.193, 117.507

Protanomaly
57, 62.214, 104.163

Deuteranomaly
56, 57.652, 96.649

Tritanomaly
57, 28.108, 127.199

Monochromacy



Original Color
57, 67.193, 117.507

Achromatopsia
51, 0.007, 296.813

Achromatomaly
52, 30.543, 118.067

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 67.193, 117.507 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(111, 149, 2)` looks like.

```
.text, #text, p{  
    color:rgb(111, 149, 2)  
}
```

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(111, 149, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 149, 2) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 67.193, 117.507 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(111, 149, 2) }
```

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

```
.border{ border-color:rgb(111, 149, 2) }
```

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

Here you see how a box with a 4 pixel rgb(111, 149, 2) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 149, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 149, 2);  
box-shadow:4px 4px 4px 4px rgb(111, 149,  
2) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 67.193, 117.507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 149, 2) }
```

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

```
.background{ background-color: rgb(111,  
149, 2) }
```

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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