

Converting Colors

CIELCh(57, 66.566, 115.736)

Have a look what the booklet for
CIELCh(57, 66.566, 115.736)
contains.

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Color

CIELCh(57, 66.449, 115.788)

Conversions

Conversions Part 1

Format	Color
Hex	739402
RGB	115, 148, 2
RGB Percent	45%, 58%, 1%
CMY	0.5480, 0.4186, 0.9941
CMYK	0.22, 0.00, 0.99, 0.42
HSL	73°, 98%, 29%
HSV	73°, 99%, 58%
XYZ	17.7408, 24.9227, 3.9184
YIQ	121.4890, 27.1980, -52.4020

Conversions

Conversions Part 2

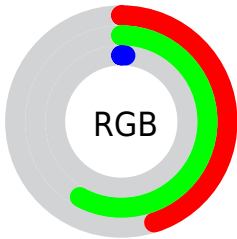
Format	Color
R_{YB}	2, 148, 35
Decimal	7574530
CIE _{Lab}	57.00, -28.91, 59.83
CIE _{LCh}	57, 66.449, 115.788
Yxy	24.9227, 0.3809, 0.5350
Android (android.graphics.Color)	4285764610 (0xFF739402)
YUV	121.4890, -58.9081, -5.6909
Hunter-Lab	49.9226, -23.9317, 30.2922

Details

The CIELCh color **57, 66.449, 115.788** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **18, 86.942, 307.553**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 66.200, 115.681**, and **37, 50.971, 121.717** is the 20% darker color. If you saturate the color by 10%, you get **57, 66.715, 115.844**, and if you desaturate by 10%, it is **57, 63.751, 115.235**.

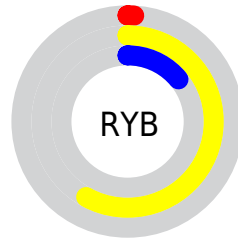
Distribution



Red (45%)

Green (58%)

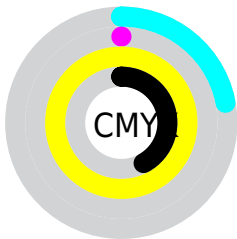
Blue (1%)



Red (1%)

Yellow (58%)

Blue (14%)

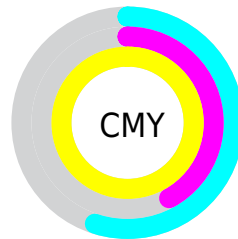


Cyan (22%)

Magenta (0%)

Yellow (99%)

Black (42%)



Cyan (55%)


Magenta (42%)

Yellow (99%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 66.449, 115.788 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, 66.449, 115.788 by changing the saturation by 10% instead.


 57, 66.449,
115.788


 57, 66.449,
115.788

 100, 66.449,
115.788

 47, 66.449,
115.788

 77, 66.449,
115.788

 37, 66.449,
115.788

 87, 66.449,
115.788

 27, 66.449,
115.788

 97, 66.449,
115.788

 17, 66.449,
115.788

 7, 66.449, 115.788

 0, 66.449, 115.788

■ 57, 66.449,
115.788

■ 57, 66.449,
115.788

■ 57, 66.715,
115.844

■ 57, 63.751,
115.235

■ 58, 59.691,
114.991

■ 58, 54.179,
115.078

■ 58, 47.578,
115.405

■ 59, 40.231,
115.889

■ 59, 32.401,
116.468

■ 60, 24.271,
117.095

■ 60, 15.966,

117.741

■ 61, 7.569, 118.385

Harmonies

Complementary

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



57, 66.449, 115.788



18, 86.942, 307.553

Rectangle

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



57, 66.449, 115.788



57, 66.449, 165.788



57, 66.449, 295.788



57, 66.449, 345.788

Sweetspot

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



57, 66.449, 115.790



76, 31.224, 116.990



33, 64.538, 44.237



40, 21.185, 116.750



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, 66.449, 115.790



73, 81.413, 116.089



54, 76.742, 133.205



31, 4.750, 118.372



53, 63.199, 115.766



2, 4.170, 118.947

Inverse Universe

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



18, 86.942, 307.553



25, 106.903, 307.457



28, 79.266, 318.093



29, 4.842, 299.553



16, 82.871, 307.663



0, 4.171, 298.946

Previews

White Background



This preview shows how the CIELCh color 57, 66.449, 115.788 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, 66.449, 115.788 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, 66.449, 115.788

Background



This preview shows how black text looks on a background with the CIELCh color 57, 66.449, 115.788.



This preview shows how white text looks on a background with the CIELCh color 57, 66.449, 115.788.

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, 66.298, 115.832

Protanopia
57, 61.631, 95.325

Deuteranopia
57, 56.819, 82.373



Tritanopia
57, 7.217, 259.871

Trichromacy



Original Color
57, 66.298, 115.832

Protanomaly
57, 62.193, 103.302

Deuteranomaly
56, 57.951, 96.180

Tritanomaly
56, 27.577, 124.036

Monochromacy



Original Color
57, 66.298, 115.832

Achromatopsia
51, 0.007, 296.813

Achromatomaly
53, 30.862, 116.266

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 66.449, 115.788 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(115, 148, 2)` looks like.

```
.text, #text, p{  
    color:rgb(115, 148, 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(115, 148, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 148, 2) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 66.449, 115.788 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(115, 148, 2) }
```

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

```
.border{ border-color:rgb(115, 148, 2) }
```

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

Here you see how a box with a 4 pixel rgb(115, 148, 2) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 148, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 148, 2);  
box-shadow:4px 4px 4px 4px rgb(115, 148,  
2) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 66.449, 115.788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 148, 2) }
```

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

```
.background{ background-color: rgb(115,  
148, 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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