

Converting Colors

CIELCh(57, 61.829, 107.674)

Have a look what the booklet for
CIELCh(57, 61.829, 107.674)
contains.

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Color

CIELCh(57, 61.858, 107.758)

Conversions

Conversions Part 1

Format	Color
Hex	85900B
RGB	133, 144, 11
RGB Percent	52%, 56%, 4%
CMY	0.4788, 0.4356, 0.9575
CMYK	0.08, 0.00, 0.92, 0.44
HSL	65°, 86%, 30%
HSV	65°, 92%, 56%
XYZ	19.6776, 24.9227, 4.0846
YIQ	125.5490, 36.1370, -43.6950

Conversions

Conversions Part 2

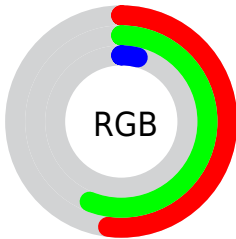
Format	Color
R_{YB}	11, 144, 22
Decimal	8753163
CIE _{Lab}	57.00, -18.87, 58.91
CIE _{LCh}	57, 61.858, 107.758
Yxy	24.9227, 0.4042, 0.5119
Android (android.graphics.Color)	4286943243 (0xFF85900B)
YUV	125.5490, -56.4727, 6.5345
Hunter-Lab	49.9226, -17.0065, 30.0948

Details

The CIELCh color **57, 61.858, 107.758** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **18, 82.822, 305.882**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 62.090, 108.022**, and **37, 47.415, 111.859** is the 20% darker color. If you saturate the color by 10%, you get **57, 63.594, 107.827**, and if you desaturate by 10%, it is **57, 58.673, 107.809**.

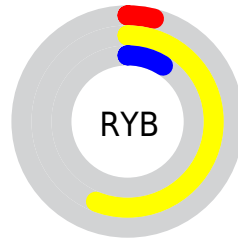
Distribution



Red (52%)

Green (56%)

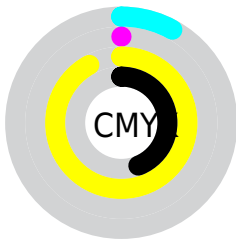
Blue (4%)



Red (4%)

Yellow (56%)

Blue (9%)

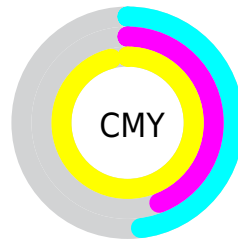


Cyan (8%)

Magenta (0%)

Yellow (92%)

Black (44%)



Cyan (48%)


Magenta (44%)


Yellow (96%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 61.858, 107.758 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, 61.858, 107.758 by changing the saturation by 10% instead.


 57, 61.858,
107.758


 57, 61.858,
107.758


 100, 61.858,
107.758


 47, 61.858,
107.758


 77, 61.858,
107.758

 37, 61.858,
107.758

 87, 61.858,
107.758

 27, 61.858,
107.758

 97, 61.858,
107.758

 17, 61.858,
107.758

 7, 61.858, 107.758

 0, 61.858, 107.758

■ 57, 61.858,
107.758

■ 57, 61.858,
107.758

■ 57, 63.594,
107.827

■ 57, 58.673,
107.809

■ 57, 53.945,
108.111

■ 58, 48.003,
108.612

■ 58, 41.204,
109.255

■ 58, 33.841,
109.991

■ 58, 26.122,
110.781

■ 59, 18.186,
111.597

■ 59, 10.128,

112.418

■ 60, 2.006, 113.220

Harmonies

Complementary

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



57, 61.858, 107.758



18, 82.822, 305.882

Rectangle

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



57, 61.858, 107.758



57, 61.858, 157.758



57, 61.858, 287.758



57, 61.858, 337.758

Sweetspot

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



57, 61.858, 107.760



74, 27.859, 111.097



30, 62.770, 38.678



39, 19.332, 110.780



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



57, 61.858, 107.760



72, 76.883, 107.928



53, 69.957, 129.230



30, 4.557, 112.686



54, 60.751, 107.799



2, 3.092, 113.429

Inverse Universe

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



18, 82.822, 305.882



23, 105.196, 306.542



24, 77.152, 314.048



28, 4.653, 294.221



15, 83.009, 306.644



0, 3.092, 293.430

Previews

White Background



This preview shows how the CIELCh color 57, 61.858, 107.758 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, 61.858, 107.758 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, 61.858, 107.758

Background



This preview shows how black text looks on a background with the CIELCh color 57, 61.858, 107.758.



This preview shows how white text looks on a background with the CIELCh color 57, 61.858, 107.758.

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

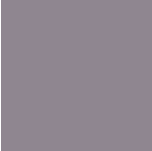
57, 61.858, 107.758

Protanopia

57, 60.637, 95.321

Deuteranopia

57, 57.550, 83.088



Tritanopia
57, 6.726, 322.013

Trichromacy



Original Color
57, 61.858, 107.758

Protanomaly
57, 60.792, 100.334

Deuteranomaly
57, 57.803, 92.389

Tritanomaly
57, 23.638, 106.283

Monochromacy



Original Color
57, 61.858, 107.758

Achromatopsia
52, 0.007, 296.813

Achromatomaly
54, 27.717, 110.384

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 61.858, 107.758 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(133, 144, 11)` looks like.

```
.text, #text, p{  
    color:rgb(133, 144, 11)  
}
```

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(133, 144, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 144, 11) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 61.858, 107.758 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(133, 144, 11) }
```

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

```
.border{ border-color:rgb(133, 144, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 144, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 144, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 144, 11);  
box-shadow:4px 4px 4px 4px rgb(133, 144,  
11) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 61.858, 107.758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 144, 11) }
```

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

```
.background{ background-color: rgb(133,  
144, 11) }
```

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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