

Converting Colors

CIELCh(57, 60.719, 105.238)

Have a look what the booklet for
CIELCh(57, 60.719, 105.238)
contains.

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Color

CIELCh(57, 60.799, 105.291)

Conversions

Conversions Part 1

Format	Color
Hex	8A8F0D
RGB	138, 143, 13
RGB Percent	54%, 56%, 5%
CMY	0.4605, 0.4408, 0.9479
CMYK	0.04, 0.00, 0.91, 0.44
HSL	62°, 83%, 31%
HSV	62°, 91%, 56%
XYZ	20.2484, 24.9227, 4.1331
YIQ	126.6850, 38.7500, -41.4900

Conversions

Conversions Part 2

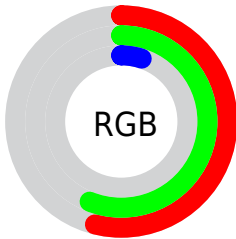
Format	Color
R_{YB}	13, 143, 18
Decimal	9080589
CIE Lab	57.00, -16.03, 58.65
CIE LCh	57, 60.799, 105.291
Yxy	24.9227, 0.4107, 0.5055
Android (android.graphics.Color)	4287270669 (0xFF8A8F0D)
YUV	126.6850, -56.0467, 9.9233
Hunter-Lab	49.9226, -14.9658, 30.0372

Details

The CIELCh color **57, 60.799, 105.291** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **17, 81.496, 305.402**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 61.155, 105.313**, and **37, 46.632, 108.391** is the 20% darker color. If you saturate the color by 10%, you get **57, 62.944, 105.208**, and if you desaturate by 10%, it is **57, 57.374, 105.537**.

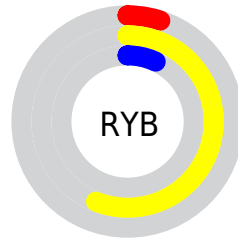
Distribution



Red (54%)

Green (56%)

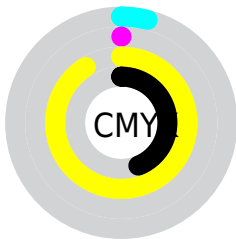
Blue (5%)



Red (5%)

Yellow (56%)

Blue (7%)

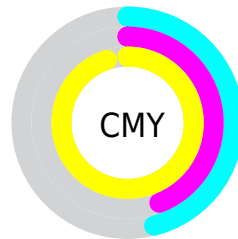


Cyan (4%)

Magenta (0%)

Yellow (91%)

Black (44%)



Cyan (46%)


Magenta (44%)


Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 60.799, 105.291 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, 60.799, 105.291 by changing the saturation by 10% instead.


 57, 60.799,
105.291


 57, 60.799,
105.291


 100, 60.799,
105.291


 47, 60.799,
105.291


 77, 60.799,
105.291

 37, 60.799,
105.291

 87, 60.799,
105.291

 27, 60.799,
105.291

 97, 60.799,
105.291

 17, 60.799,
105.291

 7, 60.799, 105.291

 0, 60.799, 105.291

■ 57, 60.799,
105.291

■ 57, 60.799,
105.291

■ 57, 62.944,
105.208

■ 57, 57.374,
105.537

■ 57, 52.463,
105.990

■ 57, 46.408,
106.606

■ 58, 39.557,
107.341

■ 58, 32.188,
108.154

■ 58, 24.493,
109.012

■ 58, 16.603,
109.891

■ 59, 8.604, 110.773

Harmonies

Complementary

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



57, 60.799, 105.291



17, 81.496, 305.402

Rectangle

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



57, 60.799, 105.291



57, 60.799, 155.291



57, 60.799, 285.291



57, 60.799, 335.291

Sweetspot

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



57, 60.799, 105.293



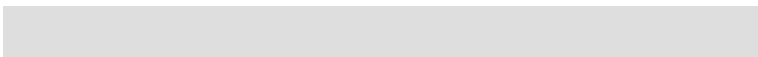
74, 26.833, 109.284



30, 61.919, 37.461



39, 18.188, 109.020



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, 60.799, 105.293



73, 76.595, 105.258



53, 68.141, 128.068



30, 4.549, 110.905



54, 60.535, 105.196



2, 3.087, 111.708

Inverse Universe

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



17, 81.496, 305.402



22, 105.437, 306.401



24, 76.262, 313.260



27, 4.646, 292.566



14, 83.261, 306.454



0, 3.087, 291.709

Previews

White Background



This preview shows how the CIELCh color 57, 60.799, 105.291 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, 60.799, 105.291 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, 60.799, 105.291

Background



This preview shows how black text looks on a background with the CIELCh color 57, 60.799, 105.291.



This preview shows how white text looks on a background with the CIELCh color 57, 60.799, 105.291.

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, 60.981, 105.265

Protanopia

57, 59.828, 95.316

Deuteranopia

57, 57.550, 83.088



Tritanopia
57, 7.933, 334.305

Trichromacy



Original Color
57, 60.981, 105.265

Protanomaly
57, 59.895, 99.009

Deuteranomaly
57, 57.659, 91.911

Tritanomaly
56, 22.860, 98.657

Monochromacy



Original Color
57, 60.981, 105.265

Achromatopsia
53, 0.007, 296.813

Achromatomaly
54, 26.578, 108.770

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 60.799, 105.291 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(138, 143, 13)` looks like.

```
.text, #text, p{  
    color:rgb(138, 143, 13)  
}
```

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(138, 143, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 143, 13) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 60.799, 105.291 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(138, 143, 13) }
```

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

```
.border{ border-color:rgb(138, 143, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 143, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 143, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 143, 13);  
box-shadow:4px 4px 4px 4px rgb(138, 143,  
13) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 60.799, 105.291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 143, 13) }
```

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

```
.background{ background-color: rgb(138,  
143, 13) }
```

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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