

Converting Colors

CIELCh(57, 59.962, 104.075)

Have a look what the booklet for
CIELCh(57, 59.962, 104.075)
contains.

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Color

CIELCh(57, 60.016, 104.037)

Conversions

Conversions Part 1

Format	Color
Hex	8C8E10
RGB	140, 142, 16
RGB Percent	55%, 56%, 6%
CMY	0.4514, 0.4435, 0.9378
CMYK	0.01, 0.00, 0.89, 0.44
HSL	61°, 80%, 31%
HSV	61°, 89%, 56%
XYZ	20.5504, 24.9227, 4.2116
YIQ	127.0380, 39.2540, -39.6100

Conversions

Conversions Part 2

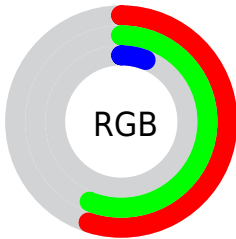
Format	Color
RYB	16, 142, 18
Decimal	9211408
CIELab	57.00, -14.56, 58.22
CIElCh	57, 60.016, 104.037
Yxy	24.9227, 0.4136, 0.5016
Android (android.graphics.Color)	4287401488 (0xFF8C8E10)
YUV	127.0380, -54.7417, 11.3677
Hunter-Lab	49.9226, -13.8861, 29.9440

Details

The CIELCh color **57, 60.016, 104.037** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **18, 80.150, 305.019**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 59.928, 103.748**, and **37, 46.141, 106.602** is the 20% darker color. If you saturate the color by 10%, you get **57, 62.392, 103.843**, and if you desaturate by 10%, it is **57, 56.314, 104.400**.

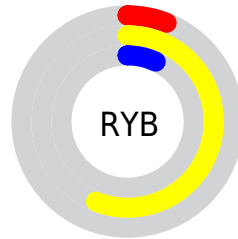
Distribution



Red (55%)

Green (56%)

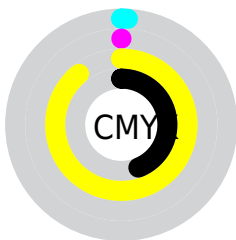
Blue (6%)



Red (6%)

Yellow (56%)

Blue (7%)

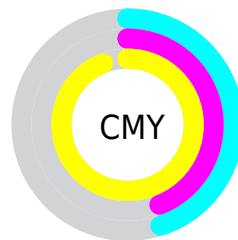


Cyan (1%)

Magenta (0%)

Yellow (89%)

Black (44%)



Cyan (45%)


Magenta (44%)


Yellow (94%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 60.016, 104.037 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, 60.016, 104.037 by changing the saturation by 10% instead.


 57, 60.016,
104.037


 57, 60.016,
104.037


 100, 60.016,
104.037


 47, 60.016,
104.037


 77, 60.016,
104.037

 37, 60.016,
104.037

 87, 60.016,
104.037

 27, 60.016,
104.037

 97, 60.016,
104.037

 17, 60.016,
104.037

 7, 60.016, 104.037

 0, 60.016, 104.037

■ 57, 60.016,
104.037

■ 57, 60.016,
104.037

■ 57, 62.392,
103.843

■ 57, 56.314,
104.400

■ 57, 62.662,
103.821

■ 57, 51.186,
104.943

■ 57, 44.986,
105.629

■ 58, 38.050,
106.419

■ 58, 30.638,
107.277

■ 58, 22.932,
108.174

■ 58, 15.052,
109.088

■ 59, 7.074, 110.001

Harmonies

Complementary

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



57, 60.016, 104.037



18, 80.150, 305.019

Rectangle

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



57, 60.016, 104.037



57, 60.016, 154.037



57, 60.016, 284.037



57, 60.016, 334.037

Sweetspot

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



57, 60.016, 104.039



73, 26.521, 108.289



30, 61.164, 36.174



38, 17.774, 108.022



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



57, 60.016, 104.039



72, 75.740, 103.841



53, 66.495, 126.835



30, 4.547, 109.969



54, 60.479, 103.817



2, 3.085, 110.805

Inverse Universe

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



18, 80.150, 305.019



22, 104.474, 306.335



24, 75.465, 312.486



27, 4.643, 291.700



14, 83.395, 306.356



0, 3.086, 290.806

Previews

White Background



This preview shows how the CIELCh color 57, 60.016, 104.037 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, 60.016, 104.037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

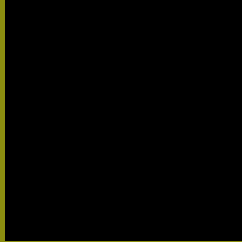
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 60.016, 104.037

Background



This preview shows how black text looks on a background with the CIELCh color 57, 60.016, 104.037.



This preview shows how white text looks on a background with the CIELCh color 57, 60.016, 104.037.

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, 60.016, 104.037

Protanopia
57, 59.285, 95.311

Deuteranopia
57, 57.263, 83.025



Tritanopia
57, 8.802, 340.008

Trichromacy



Original Color
57, 60.016, 104.037

Protanomaly
57, 59.372, 98.581

Deuteranomaly
57, 57.275, 90.883

Tritanomaly
57, 23.018, 96.496

Monochromacy



Original Color
57, 60.016, 104.037

Achromatopsia
53, 0.007, 296.813

Achromatomaly
54, 25.462, 107.008

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 60.016, 104.037 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(140, 142, 16)` looks like.

```
.text, #text, p{  
    color:rgb(140, 142, 16)  
}
```

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(140, 142, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 142, 16) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 60.016, 104.037 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(140, 142, 16) }
```

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

```
.border{ border-color:rgb(140, 142, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 142, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 142, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 142, 16);  
box-shadow:4px 4px 4px 4px rgb(140, 142,  
16) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 60.016, 104.037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 142, 16) }
```

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

```
.background{ background-color: rgb(140,  
142, 16) }
```

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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