

Converting Colors

CIELCh(57, 60.657, 104.509)

Have a look what the booklet for
CIELCh(57, 60.657, 104.509)
contains.

CIELCh(57, 60.605, 104.405)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(57, 60.605, 104.405)

Conversions

Conversions Part 1

Format	Color
Hex	8B8E0D
RGB	139, 142, 13
RGB Percent	55%, 56%, 5%
CMY	0.4543, 0.4425, 0.9479
CMYK	0.02, 0.00, 0.91, 0.44
HSL	61°, 83%, 30%
HSV	61°, 91%, 56%
XYZ	20.4437, 24.9227, 4.1233
YIQ	126.3970, 39.6210, -40.7550

Conversions

Conversions Part 2

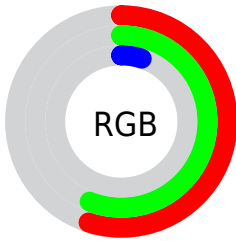
Format	Color
R_{YB}	13, 142, 16
Decimal	9145869
CIE _{Lab}	57.00, -15.08, 58.70
CIE _{LCh}	57, 60.605, 104.405
Yxy	24.9227, 0.4131, 0.5036
Android (android.graphics.Color)	4287335949 (0xFF8B8E0D)
YUV	126.3970, -55.9047, 11.0528
Hunter-Lab	49.9226, -14.2675, 30.0488

Details

The CIELCh color **57, 60.605, 104.405** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **17, 81.355, 305.299**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 60.340, 104.126**, and **37, 46.184, 107.219** is the 20% darker color. If you saturate the color by 10%, you get **57, 62.754, 104.261**, and if you desaturate by 10%, it is **57, 57.187, 104.706**.

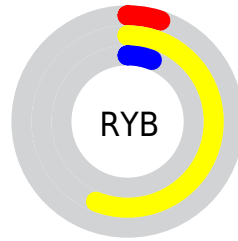
Distribution



Red (55%)

Green (56%)

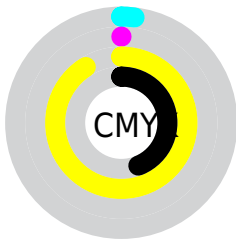
Blue (5%)



Red (5%)

Yellow (56%)

Blue (6%)

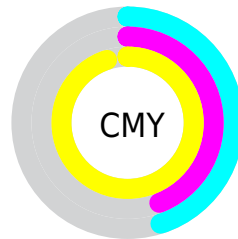


Cyan (2%)

Magenta (0%)

Yellow (91%)

Black (44%)



Cyan (45%)


Magenta (44%)


Yellow (95%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 60.605, 104.405 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, 60.605, 104.405 by changing the saturation by 10% instead.


 57, 60.605,
104.405


 57, 60.605,
104.405


 100, 60.605,
104.405


 47, 60.605,
104.405


 77, 60.605,
104.405

 37, 60.605,
104.405

 87, 60.605,
104.405

 27, 60.605,
104.405

 97, 60.605,
104.405

 17, 60.605,
104.405

 7, 60.605, 104.405

 0, 60.605, 104.405

■ 57, 60.605,
104.405

■ 57, 60.605,
104.405

■ 57, 62.754,
104.261

■ 57, 57.187,
104.706

■ 57, 52.287,
105.200

■ 57, 46.247,
105.849

■ 58, 39.414,
106.610

■ 58, 32.063,
107.446

■ 58, 24.389,
108.328

■ 58, 16.522,
109.230

■ 59, 8.546, 110.134

Harmonies

Complementary

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



57, 60.605, 104.405



17, 81.355, 305.299

Rectangle

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



57, 60.605, 104.405



57, 60.605, 154.405



57, 60.605, 284.405



57, 60.605, 334.405

Sweetspot

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



57, 60.605, 104.407



73, 26.524, 108.605



30, 62.028, 37.093



38, 17.776, 108.341



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, 60.605, 104.407



72, 75.757, 104.290



53, 67.613, 127.524



30, 4.547, 110.266



54, 60.492, 104.255



2, 3.085, 111.091

Inverse Universe

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



17, 81.355, 305.299



22, 104.437, 306.356



24, 76.255, 312.843



27, 4.644, 291.974



14, 83.352, 306.387



0, 3.086, 291.092

Previews

White Background



This preview shows how the CIELCh color 57, 60.605, 104.405 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, 60.605, 104.405 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, 60.605, 104.405

Background



This preview shows how black text looks on a background with the CIELCh color 57, 60.605, 104.405.



This preview shows how white text looks on a background with the CIELCh color 57, 60.605, 104.405.

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, 60.605, 104.405

Protanopia

57, 59.828, 95.316

Deuteranopia

57, 57.550, 83.088



Tritanopia
57, 9.173, 337.282

Trichromacy



Original Color
57, 60.605, 104.405

Protanomaly
57, 59.935, 98.558

Deuteranomaly
57, 57.534, 90.906

Tritanomaly
57, 22.934, 97.573

Monochromacy



Original Color
57, 60.605, 104.405

Achromatopsia
53, 0.007, 296.813

Achromatomaly
54, 26.547, 108.791

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 60.605, 104.405 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(139, 142, 13)` looks like.

```
.text, #text, p{  
    color:rgb(139, 142, 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(139, 142, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 142, 13) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 60.605, 104.405 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(139, 142, 13) }
```

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

```
.border{ border-color:rgb(139, 142, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 142, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 142, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 142, 13);  
box-shadow:4px 4px 4px 4px rgb(139, 142,  
13) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 60.605, 104.405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 142, 13) }
```

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

```
.background{ background-color: rgb(139,  
142, 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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