

Converting Colors

CIELCh(57, 30.637, 118.011)

Have a look what the booklet for
CIELCh(57, 30.637, 118.011)
contains.

CIELCh(57, 30.670, 117.998)	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, 30.670, 117.998)

Conversions

Conversions Part 1

Format	Color
Hex	818F59
RGB	129, 143, 89
RGB Percent	51%, 56%, 35%
CMY	0.4952, 0.4403, 0.6520
CMYK	0.10, 0.00, 0.38, 0.44
HSL	76°, 23%, 45%
HSV	76°, 38%, 56%
XYZ	20.5830, 24.9227, 13.1189
YIQ	132.6580, 8.9900, -19.7620

Conversions

Conversions Part 2

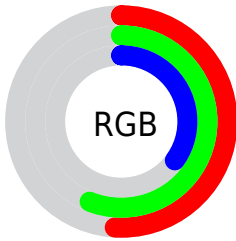
Format	Color
R_{YB}	89, 143, 103
Decimal	8490841
CIE Lab	57.00, -14.40, 27.08
CIE LCh	57, 30.670, 117.998
Yxy	24.9227, 0.3511, 0.4251
Android (android.graphics.Color)	4286680921 (0xFF818F59)
YUV	132.6580, -21.5234, -3.2081
Hunter-Lab	49.9226, -13.7692, 19.3653

Details

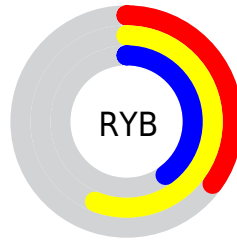
The CIELCh color $57, 30.670, 117.998$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $41, 33.227, 303.095$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 30.627, 117.918$, and $37, 30.812, 117.875$ is the 20% darker color. If you saturate the color by 10%, you get $57, 38.360, 117.450$, and if you desaturate by 10%, it is $58, 22.715, 118.595$.

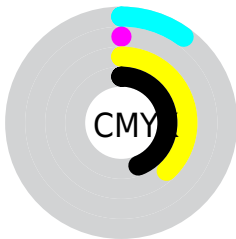
Distribution



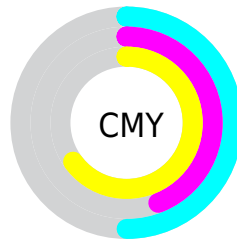
- Red (51%)
- Green (56%)
- Blue (35%)



- Red (35%)
- Yellow (56%)
- Blue (40%)



- Cyan (10%)
- Magenta (0%)
- Yellow (38%)
- Black (44%)





- Cyan (50%)
- Magenta (44%)
- Yellow (65%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 30.670, 117.998 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, 30.670, 117.998 by changing the saturation by 10% instead.


 57, 30.670,
117.998


 57, 30.670,
117.998


 100, 30.670,
117.998


 47, 30.670,
117.998


 77, 30.670,
117.998

 37, 30.670,
117.998

 87, 30.670,
117.998

 27, 30.670,
117.998

 97, 30.670,
117.998

 17, 30.670,
117.998

 7, 30.670, 117.998

 0, 30.670, 117.998

■ 57, 30.670,
117.998

■ 57, 30.670,
117.998

■ 57, 38.360,
117.450

■ 58, 22.715,
118.595

■ 56, 45.614,
116.988

■ 58, 14.606,
119.205

■ 56, 52.193,
116.677

■ 59, 6.418, 119.811

■ 55, 57.776,
116.602

■ 59, 1.794, 300.378

■ 60, 9.993, 300.949

■ 55, 62.012,
116.859

■ 61, 18.154,
301.480

■ 55, 64.872,
117.458

■ 62, 26.257,
301.977

■ 55, 65.467,
117.586

■ 63, 34.286,
302.441

■ 64, 42.231,
302.871

Harmonies

Complementary

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



57, 30.670, 117.998



41, 33.227, 303.095

Rectangle

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



57, 30.670, 117.998



57, 30.670, 167.998



57, 30.670, 297.998



57, 30.670, 347.998

Sweetspot

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



57, 30.671, 118.000



75, 11.206, 119.605



47, 20.140, 44.294



39, 7.588, 119.533



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, 30.671, 118.000



72, 44.938, 117.547



55, 34.715, 135.396



30, 4.633, 119.729



52, 62.902, 117.521



2, 3.140, 120.266

Inverse Universe

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



41, 33.227, 303.095



49, 49.730, 303.872



44, 35.469, 318.873



28, 4.720, 300.831



16, 81.315, 308.053



0, 3.141, 300.265

Previews

White Background



This preview shows how the CIELCh color 57, 30.670, 117.998 looks on a white background.

Color Contrast Check

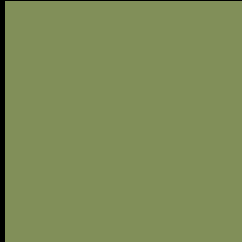
Large Text (above 18pt) WCAG AA ✓ Pass

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, 30.670, 117.998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

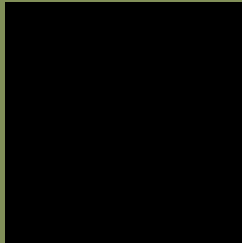
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 30.670, 117.998

Background



This preview shows how black text looks on a background with the CIELCh color 57, 30.670, 117.998.



This preview shows how white text looks on a background with the CIELCh color 57, 30.670, 117.998.

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, 30.670, 117.998

Protanopia
57, 29.118, 96.140

Deuteranopia
57, 27.363, 74.702



Tritanopia
57, 5.711, 290.856

Trichromacy



Original Color
57, 30.670, 117.998

Protanomaly
57, 29.093, 104.084

Deuteranomaly
57, 26.409, 91.482

Tritanomaly
57, 7.672, 124.492

Monochromacy



Original Color
57, 30.670, 117.998

Achromatopsia
55, 0.007, 296.813

Achromatomaly
56, 11.576, 119.027

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 30.670, 117.998 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(129, 143, 89)` looks like.

```
.text, #text, p{  
    color:rgb(129, 143, 89)  
}
```

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(129, 143, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 143, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 30.670, 117.998 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(129, 143, 89) }
```

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

```
.border{ border-color:rgb(129, 143, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 143, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 143, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 143, 89);  
box-shadow:4px 4px 4px 4px rgb(129, 143,  
89) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 30.670, 117.998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 143, 89) }
```

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

```
.background{ background-color: rgb(129,  
143, 89) }
```

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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