

Converting Colors

CIELCh(57, 29.173, 118.476)

Have a look what the booklet for
CIELCh(57, 29.173, 118.476)
contains.

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Color

CIELCh(57, 29.616, 118.492)

Conversions

Conversions Part 1

Format	Color
Hex	818F5B
RGB	129, 143, 91
RGB Percent	51%, 56%, 36%
CMY	0.4956, 0.4406, 0.6445
CMYK	0.10, 0.00, 0.36, 0.44
HSL	76°, 22%, 46%
HSV	76°, 36%, 56%
XYZ	20.6386, 24.9227, 13.5423
YIQ	132.8860, 8.3480, -19.1400

Conversions

Conversions Part 2

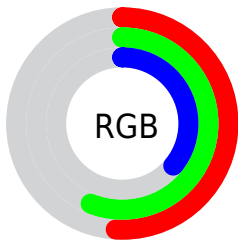
Format	Color
R_{YB}	91, 143, 105
Decimal	8490843
CIE _{Lab}	57.00, -14.13, 26.03
CIE _{LCh}	57, 29.616, 118.492
Yxy	24.9227, 0.3492, 0.4217
Android (android.graphics.Color)	4286680923 (0xFF818F5B)
YUV	132.8860, -20.6498, -3.4080
Hunter-Lab	49.9226, -13.5706, 18.8625

Details

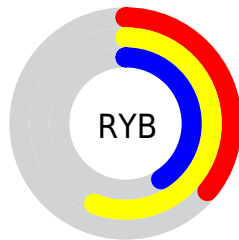
The CIELCh color $57, 29.616, 118.492$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $42, 31.946, 303.292$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 29.609, 118.348$, and $37, 29.758, 118.445$ is the 20% darker color. If you saturate the color by 10%, you get $56, 37.364, 117.945$, and if you desaturate by 10%, it is $58, 21.624, 119.083$.

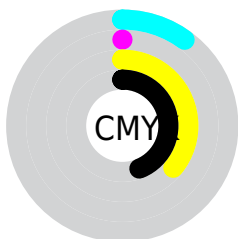
Distribution



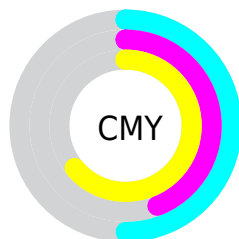
- Red (51%)
- Green (56%)
- Blue (36%)



- Red (36%)
- Yellow (56%)
- Blue (41%)



- Cyan (10%)
- Magenta (0%)
- Yellow (36%)
- Black (44%)




- Cyan (50%)
- Magenta (44%)
- Yellow (64%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 29.616, 118.492 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, 29.616, 118.492 by changing the saturation by 10% instead.

 57, 29.616,
118.492


 57, 29.616,
118.492


 100, 29.616,
118.492

 47, 29.616,
118.492

 77, 29.616,
118.492

 37, 29.616,
118.492

 87, 29.616,
118.492

 27, 29.616,
118.492

 97, 29.616,
118.492

 17, 29.616,
118.492

 7, 29.616, 118.492

 0, 29.616, 118.492

■ 57, 29.616,
118.492

■ 57, 29.616,
118.492

■ 56, 37.364,
117.945

■ 58, 21.624,
119.083

■ 56, 44.704,
117.476

■ 58, 13.490,
119.684

■ 56, 51.410,
117.151

■ 59, 5.288, 120.279

■ 55, 57.170,
117.050

■ 60, 2.931, 300.836

■ 55, 61.633,
117.272

■ 60, 11.132,
301.389

■ 55, 64.640,
117.866

■ 61, 19.289,
301.905

■ 55, 65.617,
118.085

■ 62, 27.384,
302.388

■ 63, 35.402,
302.837

■ 64, 43.332,
303.253

Harmonies

Complementary

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



57, 29.616, 118.492



42, 31.946, 303.292

Rectangle

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



57, 29.616, 118.492



57, 29.616, 168.492



57, 29.616, 298.492



57, 29.616, 348.492

Sweetspot

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



57, 29.617, 118.494



75, 11.222, 119.995



48, 19.151, 46.027



39, 7.599, 119.924



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, 29.617, 118.494



72, 44.068, 118.023



55, 33.624, 135.954



30, 4.640, 120.117



52, 63.073, 118.019



2, 3.144, 120.644

Inverse Universe

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



42, 31.946, 303.292



49, 48.574, 304.075



44, 34.270, 319.337



28, 4.726, 301.198



16, 81.186, 308.171



0, 3.145, 300.644

Previews

White Background



This preview shows how the CIELCh color 57, 29.616, 118.492 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, 29.616, 118.492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

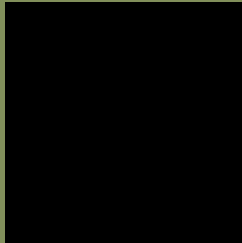
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 29.616, 118.492

Background



This preview shows how black text looks on a background with the CIELCh color 57, 29.616, 118.492.



This preview shows how white text looks on a background with the CIELCh color 57, 29.616, 118.492.

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, 29.616, 118.492

Protanopia
57, 28.046, 95.901

Deuteranopia
57, 26.129, 74.420



Tritanopia
57, 6.281, 290.922

Trichromacy



Original Color
57, 29.616, 118.492

Protanomaly
57, 28.012, 104.123

Deuteranomaly
57, 25.340, 91.002

Tritanomaly
57, 6.582, 127.124

Monochromacy



Original Color
57, 29.616, 118.492

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 11.093, 121.649

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 29.616, 118.492 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, 91)` looks like.

```
.text, #text, p{  
    color:rgb(129, 143, 91)  
}
```

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, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 143, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 29.616, 118.492 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, 91) }
```

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

```
.border{ border-color:rgb(129, 143, 91) }
```

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, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 143, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 143, 91);  
box-shadow:4px 4px 4px 4px rgb(129, 143,  
91) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 29.616, 118.492 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, 91) }
```

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

```
.background{ background-color: rgb(129,  
143, 91) }
```

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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