

Converting Colors

CIELCh(57, 10.895, 108.248)

Have a look what the booklet for
CIELCh(57, 10.895, 108.248)
contains.

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Color

CIELCh(57, 10.771, 108.892)

Conversions

Conversions Part 1

Format	Color
Hex	8A8A77
RGB	138, 138, 119
RGB Percent	54%, 54%, 47%
CMY	0.4587, 0.4587, 0.5332
CMYK	0.00, 0.00, 0.14, 0.46
HSL	60°, 8%, 50%
HSV	60°, 14%, 54%
XYZ	22.9093, 24.9227, 21.0643
YIQ	135.8340, 6.0990, -5.9090

Conversions

Conversions Part 2

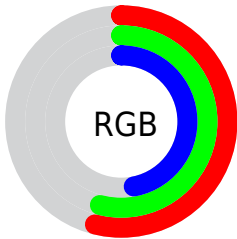
Format	Color
R_{YB}	119, 138, 119
Decimal	9079415
CIE _{Lab}	57.00, -3.49, 10.19
CIE _{LCh}	57, 10.771, 108.892
Yxy	24.9227, 0.3325, 0.3617
Android (android.graphics.Color)	4287269495 (0xFF8A8A77)
YUV	135.8340, -8.2992, 1.8996
Hunter-Lab	49.9226, -5.4516, 9.9291

Details

The CIELCh color $57, 10.771, 108.892$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $51, 11.105, 291.605$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 10.689, 107.117$, and $37, 10.424, 108.462$ is the 20% darker color. If you saturate the color by 10%, you get $57, 18.531, 107.961$, and if you desaturate by 10%, it is $57, 2.948, 109.820$.

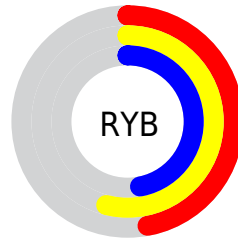
Distribution



Red (54%)

Green (54%)

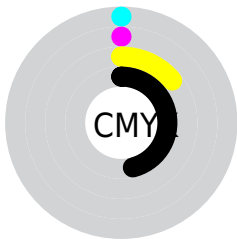
Blue (47%)



Red (47%)

Yellow (54%)

Blue (47%)

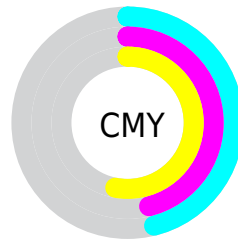


Cyan (0%)

Magenta (0%)

Yellow (14%)

Black (46%)



Cyan (46%)


Magenta (46%)


Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 10.771, 108.892 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, 10.771, 108.892 by changing the saturation by 10% instead.


 57, 10.771,
108.892


 57, 10.771,
108.892


 100, 10.771,
108.892


 47, 10.771,
108.892


 77, 10.771,
108.892

 37, 10.771,
108.892

 87, 10.771,
108.892

 27, 10.771,
108.892

 97, 10.771,
108.892

 17, 10.771,
108.892

 7, 10.771, 108.892

 0, 10.771, 108.892

■ 57, 10.771,
108.892

■ 57, 10.771,
108.892

■ 57, 18.531,
107.961

■ 57, 2.948, 109.820

■ 56, 26.164,
107.032

■ 58, 4.901, 290.763

■ 56, 33.576,
106.130

■ 58, 12.749,
291.649

■ 56, 40.624,
105.278

■ 59, 20.576,
292.507

■ 56, 47.096,
104.507

■ 59, 28.368,
293.331

■ 56, 52.701,
103.850

■ 60, 36.115,
294.115

■ 56, 57.088,
103.346

■ 60, 43.809,
294.859

■ 56, 59.967,

■ 61, 51.442,
295.562

103.021

■ 62, 59.009,
296.223

■ 56, 61.396,
102.861

Harmonies

Complementary

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



57, 10.771, 108.892



51, 11.105, 291.605

Rectangle

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



57, 10.771, 108.892



57, 10.771, 158.892



57, 10.771, 288.892



57, 10.771, 338.892

Sweetspot

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



57, 10.772, 108.898



73, 3.862, 109.792



52, 7.833, 20.243



38, 2.735, 109.731



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



57, 10.772, 108.898



72, 16.393, 108.562



56, 11.499, 128.480



29, 4.410, 109.328



54, 59.635, 102.861



1, 2.056, 110.182

Inverse Universe

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



51, 11.105, 291.605



62, 17.036, 292.029



51, 11.712, 309.668



26, 4.503, 291.097



14, 82.345, 306.288



0, 2.057, 290.184

Previews

White Background



This preview shows how the CIELCh color 57, 10.771, 108.892 looks on a white background.

Color Contrast Check

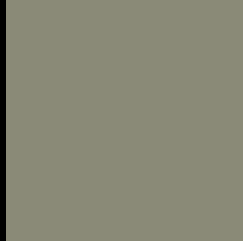
Large Text (above 18pt) WCAG AA ✓ Pass

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, 10.771, 108.892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

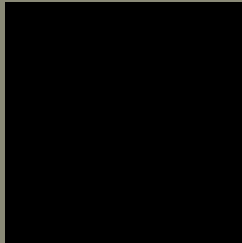
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 10.771, 108.892

Background



This preview shows how black text looks on a background with the CIELCh color 57, 10.771, 108.892.



This preview shows how white text looks on a background with the CIELCh color 57, 10.771, 108.892.

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, 10.771, 108.892

Protanopia

57, 10.624, 93.076

Deuteranopia

57, 12.206, 53.949



Tritanopia
57, 7.036, 316.879

Trichromacy



Original Color
57, 10.771, 108.892

Protanomaly
57, 10.901, 100.148

Deuteranomaly
57, 10.134, 71.219

Tritanomaly
57, 2.444, 6.025

Monochromacy



Original Color
57, 10.771, 108.892

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 3.976, 109.694

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 10.771, 108.892 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, 138, 119)` looks like.

```
.text, #text, p{  
    color:rgb(138, 138, 119)  
}
```

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, 138, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 138, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 10.771, 108.892 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, 138, 119) }
```

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

```
.border{ border-color:rgb(138, 138, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 138, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 138, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 138, 119);  
box-shadow:4px 4px 4px 4px rgb(138, 138,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 10.771, 108.892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 138, 119) }
```

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

```
.background{ background-color: rgb(138,  
138, 119) }
```

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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