

Converting Colors

CIELCh(57, 18.207, 109.325)

Have a look what the booklet for
CIELCh(57, 18.207, 109.325)
contains.

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Color

CIELCh(57, 18.067, 109.363)

Conversions

Conversions Part 1

Format	Color
Hex	8A8B6B
RGB	138, 139, 107
RGB Percent	54%, 55%, 42%
CMY	0.4589, 0.4550, 0.5805
CMYK	0.01, 0.00, 0.23, 0.45
HSL	62°, 13%, 48%
HSV	62°, 23%, 55%
XYZ	22.3610, 24.9227, 17.5372
YIQ	135.0530, 9.6760, -10.1640

Conversions

Conversions Part 2

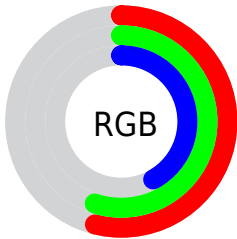
Format	Color
R_{YB}	107, 139, 108
Decimal	9079659
CIE Lab	57.00, -5.99, 17.05
CIE LCh	57, 18.067, 109.363
Yxy	24.9227, 0.3450, 0.3845
Android (android.graphics.Color)	4287269739 (0xFF8A8B6B)
YUV	135.0530, -13.8301, 2.5845
Hunter-Lab	49.9226, -7.4122, 14.1180

Details

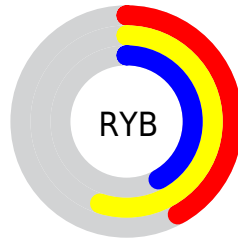
The CIELCh color $57, 18.067, 109.363$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $46, 19.033, 293.835$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 17.586, 108.529$, and $37, 18.235, 108.654$ is the 20% darker color. If you saturate the color by 10%, you get $57, 25.758, 108.482$, and if you desaturate by 10%, it is $57, 10.256, 110.259$.

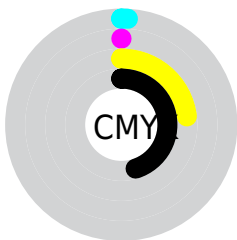
Distribution



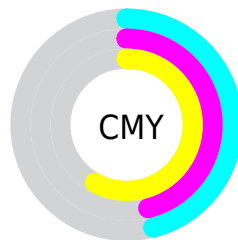
- Red (54%)
- Green (55%)
- Blue (42%)



- Red (42%)
- Yellow (55%)
- Blue (42%)



- Cyan (1%)
- Magenta (0%)
- Yellow (23%)
- Black (45%)





- Cyan (46%)
- Magenta (46%)
- Yellow (58%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 18.067, 109.363 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, 18.067, 109.363 by changing the saturation by 10% instead.

 57, 18.067,
109.363


 57, 18.067,
109.363

 100, 18.067,
109.363

 47, 18.067,
109.363


 77, 18.067,
109.363

 37, 18.067,
109.363

 87, 18.067,
109.363

 27, 18.067,
109.363

 97, 18.067,
109.363

 17, 18.067,
109.363

 7, 18.067, 109.363

 0, 18.067, 109.363

■ 57, 18.067,
109.363

■ 57, 18.067,
109.363

■ 57, 25.758,
108.482

■ 57, 10.256,
110.259

■ 56, 33.233,
107.622

■ 58, 2.381, 111.131

■ 56, 40.354,
106.814

■ 58, 5.518, 292.023

■ 56, 46.915,
106.090

■ 59, 13.413,
292.859

■ 56, 52.629,
105.491

■ 59, 21.284,
293.667

■ 56, 57.146,
105.061

■ 60, 29.119,
294.439

■ 56, 60.155,
104.838

■ 60, 36.906,
295.172

■ 56, 61.754,

■ 61, 44.636,
295.866

104.748

■ 62, 52.302,
296.520

Harmonies

Complementary

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



57, 18.067, 109.363



46, 19.033, 293.835

Rectangle

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



57, 18.067, 109.363



57, 18.067, 159.363



57, 18.067, 289.363



57, 18.067, 339.363

Sweetspot

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



57, 18.068, 109.367



73, 6.845, 110.777



48, 13.429, 22.334



39, 4.482, 110.735



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, 18.068, 109.367



72, 27.183, 108.871



56, 19.422, 128.640



29, 4.412, 110.602



53, 59.683, 104.740



1, 2.057, 111.411

Inverse Universe

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



46, 19.033, 293.835



56, 29.049, 294.565



48, 20.001, 310.681



26, 4.506, 292.276



14, 82.160, 306.425



0, 2.058, 291.412

Previews

White Background



This preview shows how the CIELCh color 57, 18.067, 109.363 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, 18.067, 109.363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

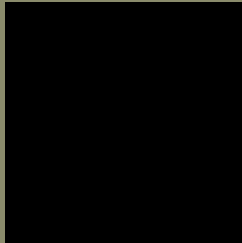
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

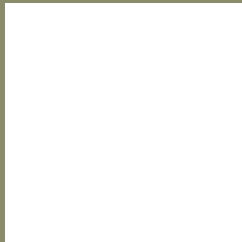
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 18.067, 109.363

Background



This preview shows how black text looks on a background with the CIELCh color 57, 18.067, 109.363.



This preview shows how white text looks on a background with the CIELCh color 57, 18.067, 109.363.

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](#).

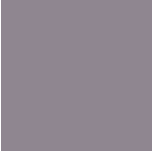
Dichromacy



Original Color
57, 18.067, 109.363

Protanopia
57, 17.962, 95.691

Deuteranopia
57, 17.534, 65.195



Tritanopia
57, 6.726, 322.013

Trichromacy



Original Color
57, 18.067, 109.363

Protanomaly
57, 18.202, 101.288

Deuteranomaly
57, 16.521, 82.215

Tritanomaly
57, 3.462, 74.505

Monochromacy



Original Color
57, 18.067, 109.363

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 6.258, 109.422

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 18.067, 109.363 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, 139, 107)` looks like.

```
.text, #text, p{  
    color:rgb(138, 139, 107)  
}
```

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, 139, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 139, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 18.067, 109.363 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, 139, 107) }
```

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

```
.border{ border-color:rgb(138, 139, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 139, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 139, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 139, 107);  
box-shadow:4px 4px 4px 4px rgb(138, 139,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 18.067, 109.363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 139, 107) }
```

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

```
.background{ background-color: rgb(138,  
139, 107) }
```

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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