

Converting Colors

CIELCh(57, 3.679, 181.117)

Have a look what the booklet for
CIELCh(57, 3.679, 181.117) contains.

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Color

CIELCh(57, 3.684, 181.113)

Conversions

Conversions Part 1

Format	Color
Hex	828B89
RGB	130, 139, 137
RGB Percent	51%, 55%, 54%
CMY	0.4911, 0.4558, 0.4637
CMYK	0.06, 0.00, 0.01, 0.46
HSL	167°, 4%, 53%
HSV	167°, 6%, 54%
XYZ	22.8661, 24.9227, 27.1829
YIQ	136.0810, -4.7220, -2.5300

Conversions

Conversions Part 2

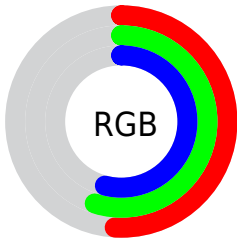
Format	Color
R_{YB}	130, 135, 139
Decimal	8555401
CIE Lab	57.00, -3.68, -0.07
CIE LCh	57, 3.684, 181.113
Yxy	24.9227, 0.3050, 0.3324
Android (android.graphics.Color)	4286745481 (0xFF828B89)
YUV	136.0810, 0.4531, -5.3330
Hunter-Lab	49.9226, -5.6061, 2.6624

Details

The CIELCh color $57, 3.684, 181.113$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $55, 3.774, 2.037$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 3.476, 181.295$, and $37, 3.587, 178.840$ is the 20% darker color. If you saturate the color by 10%, you get $56, 9.258, 180.133$, and if you desaturate by 10%, it is $58, 2.018, 1.662$.

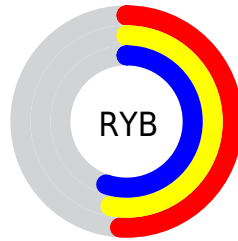
Distribution



Red (51%)

Green (55%)

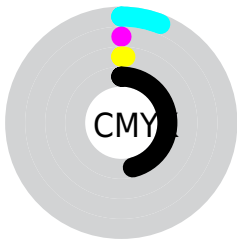
Blue (54%)



Red (51%)

Yellow (53%)

Blue (55%)

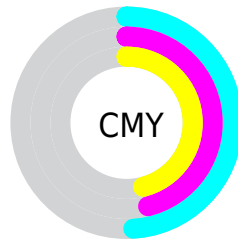


Cyan (6%)

Magenta (0%)

Yellow (1%)

Black (46%)



Cyan (49%)

Magenta (46%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 3.684, 181.113 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, 3.684, 181.113 by changing the saturation by 10% instead.

■ 57, 3.684, 181.113

■ 57, 3.684, 181.113

■ 100, 3.684,
181.113

■ 47, 3.684, 181.113

■ 77, 3.684, 181.113

■ 37, 3.684, 181.113

■ 87, 3.684, 181.113

■ 27, 3.684, 181.113

■ 97, 3.684, 181.113

■ 17, 3.684, 181.113

■ 7, 3.684, 181.113

■ 0, 3.684, 181.113

■ 57, 3.684, 181.113

■ 57, 3.684, 181.113

■ 56, 9.258, 180.133

■ 58, 2.018, 1.662

■ 55, 14.624,

■ 60, 7.787, 2.625

179.163

61, 13.570, 3.436

54, 19.698,
178.139

62, 19.326, 4.205

53, 24.391,
177.038

64, 25.025, 4.945

53, 28.614,
175.844

66, 30.644, 5.658

52, 32.292,
174.533

69, 41.593, 7.012

52, 35.374,
173.085

71, 46.907, 7.656

52, 37.844,
171.479

51, 39.776,
169.727

Harmonies

Complementary

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



57, 3.684, 181.113



55, 3.774, 2.037

Rectangle

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



57, 3.684, 181.113



57, 3.684, 231.113



57, 3.684, 1.113



57, 3.684, 51.113

Sweetspot

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



57, 3.685, 181.098



73, 1.415, 181.710



57, 5.828, 137.556



39, 0.811, 181.745



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, 3.685, 181.098



73, 5.639, 180.928



56, 2.867, 227.945



29, 3.178, 180.832



49, 39.068, 169.217



1, 1.492, 181.568

Inverse Universe

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



55, 3.774, 2.037



70, 5.808, 2.218



56, 2.967, 46.995



27, 3.284, 2.321



27, 55.644, 26.021



0, 1.492, 1.554

Previews

White Background



This preview shows how the CIELCh color 57, 3.684, 181.113 looks on a white background.

Color Contrast Check

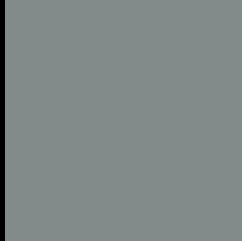
Large Text (above 18pt) WCAG AA ✓ Pass

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, 3.684, 181.113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

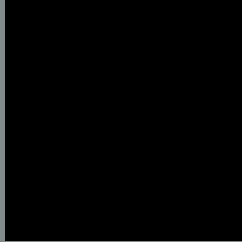
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

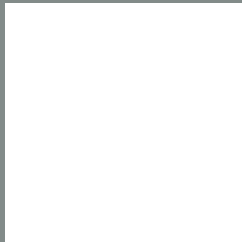
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 3.684, 181.113

Background



This preview shows how black text looks on a background with the CIELCh color 57, 3.684, 181.113.



This preview shows how white text looks on a background with the CIELCh color 57, 3.684, 181.113.

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, 3.684, 181.113

Protanopia

57, 1.307, 44.987

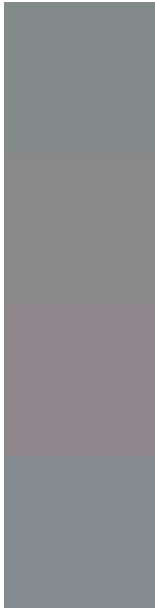
Deuteranopia

57, 7.572, 353.398



Tritanopia
57, 6.515, 274.152

Trichromacy



Original Color

57, 3.684, 181.113

Protanomaly

57, 0.689, 144.686

Deuteranomaly

57, 3.908, 344.019

Tritanomaly

57, 4.292, 252.300

Monochromacy



Original Color

57, 3.684, 181.113

Achromatopsia

57, 0.007, 296.813

Achromatomaly

57, 1.307, 173.771

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 3.684, 181.113 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(130, 139, 137)` looks like.

```
.text, #text, p{  
    color:rgb(130, 139, 137)  
}
```

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(130, 139, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 139, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 3.684, 181.113 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(130, 139, 137) }
```

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

```
.border{ border-color:rgb(130, 139, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 139, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 139, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 139, 137);  
box-shadow:4px 4px 4px 4px rgb(130, 139,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 3.684, 181.113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 139, 137) }
```

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

```
.background{ background-color: rgb(130,  
139, 137) }
```

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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