

Converting Colors

CIELCh(57, 3.571, 170.577)

Have a look what the booklet for
CIELCh(57, 3.571, 170.577) contains.

CIELCh(57, 3.571, 170.577)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(57, 3.571, 170.577)

Conversions

Conversions Part 1

Format	Color
Hex	838B88
RGB	131, 139, 136
RGB Percent	51%, 55%, 53%
CMY	0.4877, 0.4563, 0.4681
CMYK	0.06, 0.00, 0.02, 0.46
HSL	157°, 3%, 53%
HSV	157°, 6%, 54%
XYZ	22.9015, 24.9227, 26.7601
YIQ	136.2660, -3.8050, -2.6290

Conversions

Conversions Part 2

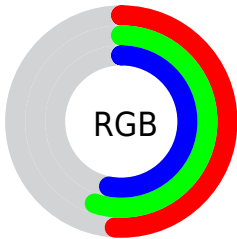
Format	Color
RYB	131, 136, 139
Decimal	8620936
CIELab	57.00, -3.52, 0.58
CIElCh	57, 3.571, 170.577
Yxy	24.9227, 0.3071, 0.3342
Android (android.graphics.Color)	4286811016 (0xFF838B88)
YUV	136.2660, -0.1311, -4.6183
Hunter-Lab	49.9226, -5.4795, 3.1645

Details

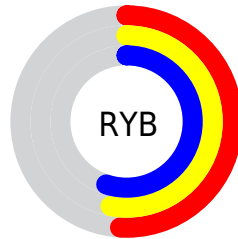
The CIELCh color $57, 3.571, 170.577$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $55, 3.622, 351.377$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 3.365, 170.740$, and $37, 3.504, 167.126$ is the 20% darker color. If you saturate the color by 10%, you get $56, 9.730, 169.590$, and if you desaturate by 10%, it is $58, 2.629, 351.186$.

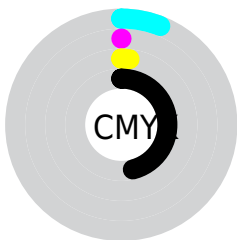
Distribution



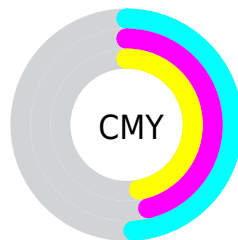
- Red (51%)
- Green (55%)
- Blue (53%)



- Red (51%)
- Yellow (53%)
- Blue (55%)



- Cyan (6%)
- Magenta (0%)
- Yellow (2%)
- Black (46%)



- Cyan (49%)
- Magenta (46%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 3.571, 170.577 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, 3.571, 170.577 by changing the saturation by 10% instead.

■ 57, 3.571, 170.577 ■ 57, 3.571, 170.577

■ 100, 3.571, 170.577 ■ 47, 3.571, 170.577

■ 77, 3.571, 170.577 ■ 37, 3.571, 170.577

■ 87, 3.571, 170.577 ■ 27, 3.571, 170.577

■ 97, 3.571, 170.577 ■ 17, 3.571, 170.577

■ 7, 3.571, 170.577

■ 0, 3.571, 170.577

■ 57, 3.571, 170.577 ■ 57, 3.571, 170.577

■ 56, 9.730, 169.590 ■ 58, 2.629, 351.186

■ 55, 15.771, ■ 60, 8.815, 352.070

168.581

61, 14.939,
352.829

54, 21.608,
167.483

63, 20.966,
353.537

53, 27.146,
166.273

64, 26.873,
354.206

52, 32.288,
164.927

66, 32.646,
354.842

52, 36.944,
163.423

68, 38.274,
355.448

51, 41.045,
161.738

70, 43.755,
356.027

51, 44.559,
159.857

72, 48.958,
356.474

51, 47.527,
157.802

Harmonies

Complementary

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



57, 3.571, 170.577



55, 3.622, 351.377

Rectangle

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



57, 3.571, 170.577



57, 3.571, 220.577



57, 3.571, 350.577



57, 3.571, 40.577

Sweetspot

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



57, 3.572, 170.566



73, 1.538, 171.065



57, 4.965, 132.830



39, 0.881, 171.095



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, 3.572, 170.566



73, 5.389, 170.425



57, 2.768, 210.394



29, 2.779, 170.408



49, 47.099, 157.066



1, 1.620, 170.976

Inverse Universe

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



55, 3.622, 351.377



70, 5.476, 351.521



56, 2.868, 30.257



27, 2.825, 351.538



27, 52.267, 12.442



0, 1.620, 350.964

Previews

White Background



This preview shows how the CIELCh color 57, 3.571, 170.577 looks on a white background.

Color Contrast Check

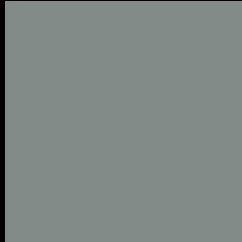
Large Text (above 18pt) WCAG AA ✓ Pass

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, 3.571, 170.577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

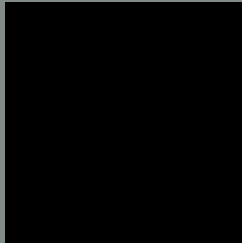
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

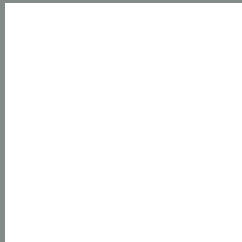
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 3.571, 170.577

Background



This preview shows how black text looks on a background with the CIELCh color 57, 3.571, 170.577.



This preview shows how white text looks on a background with the CIELCh color 57, 3.571, 170.577.

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, 3.571, 170.577

Protanopia

57, 1.940, 55.176

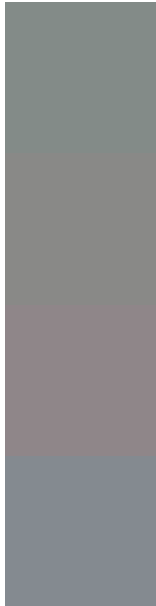
Deuteranopia

57, 7.718, 358.602



Tritanopia
57, 6.425, 277.361

Trichromacy



Original Color
57, 3.571, 170.577

Protanomaly
57, 1.131, 110.001

Deuteranomaly
57, 3.959, 354.164

Tritanomaly
57, 4.077, 256.529

Monochromacy



Original Color
57, 3.571, 170.577

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, 3.571, 170.577 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(131, 139, 136)` looks like.

```
.text, #text, p{  
    color:rgb(131, 139, 136)  
}
```

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(131, 139, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 139, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 3.571, 170.577 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(131, 139, 136) }
```

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

```
.border{ border-color:rgb(131, 139, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 139, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 139, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 139, 136);  
box-shadow:4px 4px 4px 4px rgb(131, 139,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 3.571, 170.577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 139, 136) }
```

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

```
.background{ background-color: rgb(131,  
139, 136) }
```

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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