

Converting Colors

CIELCh(57, 3.624, 141.614)

Have a look what the booklet for
CIELCh(57, 3.624, 141.614) contains.

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Color

CIELCh(57, 3.476, 144.302)

Conversions

Conversions Part 1

Format	Color
Hex	858A85
RGB	133, 138, 133
RGB Percent	52%, 54%, 52%
CMY	0.4778, 0.4582, 0.4778
CMYK	0.04, 0.00, 0.04, 0.46
HSL	120°, 2%, 53%
HSV	120°, 4%, 54%
XYZ	23.0564, 24.9227, 25.8457
YIQ	135.9350, -1.3750, -2.6150

Conversions

Conversions Part 2

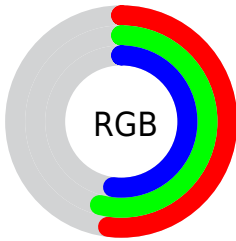
Format	Color
RYB	133, 138, 138
Decimal	8751749
CIELab	57.00, -2.82, 2.03
CIElCh	57, 3.476, 144.302
Yxy	24.9227, 0.3123, 0.3376
Android (android.graphics.Color)	4286941829 (0xFF858A85)
YUV	135.9350, -1.4470, -2.5740
Hunter-Lab	49.9226, -4.9256, 4.2505

Details

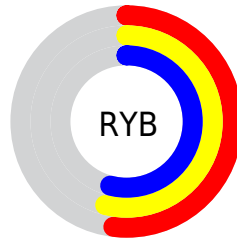
The CIELCh color $57, 3.476, 144.302$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $56, 3.491, 324.578$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 3.270, 144.373$, and $37, 3.015, 144.254$ is the 20% darker color. If you saturate the color by 10%, you get $56, 13.184, 143.656$, and if you desaturate by 10%, it is $59, 6.088, 324.728$.

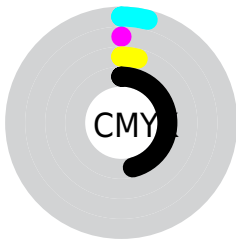
Distribution



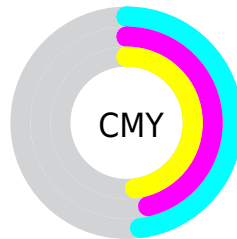
- Red (52%)
- Green (54%)
- Blue (52%)



- Red (52%)
- Yellow (54%)
- Blue (54%)



- Cyan (4%)
- Magenta (0%)
- Yellow (4%)
- Black (46%)



- Cyan (48%)
- Magenta (46%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 3.476, 144.302 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, 3.476, 144.302 by changing the saturation by 10% instead.

■ 57, 3.476, 144.302

■ 57, 3.476, 144.302

■ 100, 3.476,
144.302

■ 47, 3.476, 144.302

■ 77, 3.476, 144.302

■ 37, 3.476, 144.302

■ 87, 3.476, 144.302

■ 27, 3.476, 144.302

■ 97, 3.476, 144.302

■ 17, 3.476, 144.302

■ 7, 3.476, 144.302

■ 0, 3.476, 144.302

■ 57, 3.476, 144.302

■ 57, 3.476, 144.302

■ 56, 13.184,
143.656

■ 59, 6.088, 324.728

■ 60, 15.442,

■ 54, 22.928,
142.942

325.184

■ 53, 32.567,
142.118

■ 62, 24.539,
325.559

■ 52, 41.911,
141.181

■ 64, 33.355,
325.877

■ 51, 50.722,
140.142

■ 66, 41.879,
326.148

■ 51, 58.705,
139.044

■ 68, 50.110,
326.379

■ 50, 65.515,
137.965

■ 70, 58.056,
326.578

■ 50, 70.783,
137.029

■ 72, 65.728,
326.750

■ 50, 74.217,
136.365

■ 74, 71.809,
326.873

Harmonies

Complementary

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



57, 3.476, 144.302



56, 3.491, 324.578

Rectangle

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



57, 3.476, 144.302



57, 3.476, 194.302



57, 3.476, 324.302



57, 3.476, 14.302

Sweetspot

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



57, 3.478, 144.303



73, 1.176, 144.590



57, 2.836, 109.827



38, 0.665, 144.608



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, 3.478, 144.303



72, 4.738, 144.270



57, 2.431, 163.493



29, 2.705, 144.237



48, 73.707, 136.016



1, 2.511, 144.444

Inverse Universe

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



56, 3.491, 324.578



71, 4.754, 324.609



56, 2.451, 343.810



28, 2.714, 324.640



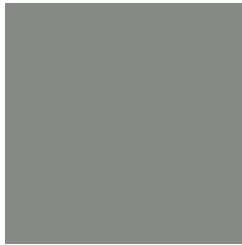
31, 71.115, 328.233



0, 2.512, 324.439

Previews

White Background



This preview shows how the CIELCh color 57, 3.476, 144.302 looks on a white background.

Color Contrast Check

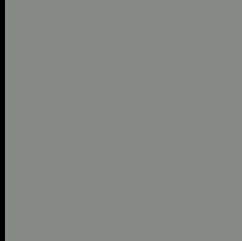
Large Text (above 18pt) WCAG AA ✓ Pass

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, 3.476, 144.302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

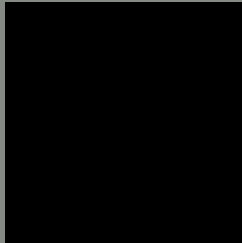
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

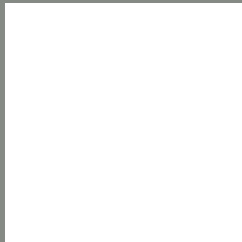
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 3.476, 144.302

Background



This preview shows how black text looks on a background with the CIELCh color 57, 3.476, 144.302.



This preview shows how white text looks on a background with the CIELCh color 57, 3.476, 144.302.

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, 3.476, 144.302

Protanopia

57, 2.764, 74.648

Deuteranopia

57, 7.717, 11.730



Tritanopia
57, 6.287, 287.468

Trichromacy



Original Color

57, 3.476, 144.302

Protanomaly

57, 2.862, 101.839

Deuteranomaly

57, 4.390, 19.765

Tritanomaly

57, 3.061, 268.419

Monochromacy



Original Color

57, 3.476, 144.302

Achromatopsia

57, 0.007, 296.813

Achromatomaly

57, 1.386, 144.505

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 3.476, 144.302 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(133, 138, 133)` looks like.

```
.text, #text, p{  
    color:rgb(133, 138, 133)  
}
```

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(133, 138, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 138, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 3.476, 144.302 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(133, 138, 133) }
```

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

```
.border{ border-color:rgb(133, 138, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 138, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 138, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 138, 133);  
box-shadow:4px 4px 4px 4px rgb(133, 138,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 3.476, 144.302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 138, 133) }
```

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

```
.background{ background-color: rgb(133,  
138, 133) }
```

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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