

Converting Colors

CIELCh(57, 4.510, 236.664)

Have a look what the booklet for
CIELCh(57, 4.510, 236.664) contains.

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Color

CIELCh(57, 4.407, 239.660)

Conversions

Conversions Part 1

Format	Color
Hex	818A8F
RGB	129, 138, 143
RGB Percent	51%, 54%, 56%
CMY	0.4932, 0.4579, 0.4383
CMYK	0.10, 0.03, 0.00, 0.44
HSL	201°, 6%, 53%
HSV	201°, 10%, 56%
XYZ	23.1890, 24.9227, 29.6718
YIQ	135.8790, -6.9690, -0.3530

Conversions

Conversions Part 2

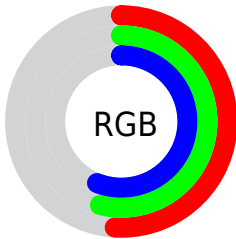
Format	Color
R_{YB}	129, 134, 143
Decimal	8489615
CIE _{Lab}	57.00, -2.23, -3.80
CIE _{LCh}	57, 4.407, 239.660
Yxy	24.9227, 0.2981, 0.3204
Android (android.graphics.Color)	4286679695 (0xFF818A8F)
YUV	135.8790, 3.5107, -6.0329
Hunter-Lab	49.9226, -4.4514, -0.2935

Details

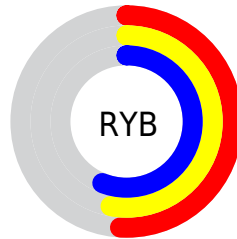
The CIELCh color $57, 4.407, 239.660$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $57, 4.604, 57.721$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 4.526, 244.818$, and $37, 4.430, 243.516$ is the 20% darker color. If you saturate the color by 10%, you get $54, 8.756, 240.760$, and if you desaturate by 10%, it is $60, 0.098, 54.838$.

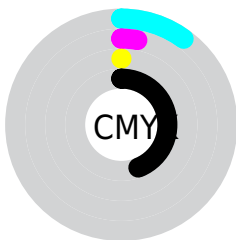
Distribution



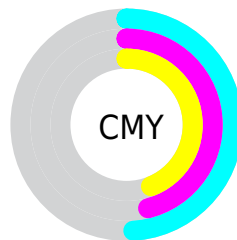
- Red (51%)
- Green (54%)
- Blue (56%)



- Red (51%)
- Yellow (53%)
- Blue (56%)



- Cyan (10%)
- Magenta (3%)
- Yellow (0%)
- Black (44%)



- Cyan (49%)
- Magenta (46%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 4.407, 239.660 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, 4.407, 239.660 by changing the saturation by 10% instead.

■ 57, 4.407, 239.660

■ 57, 4.407, 239.660

■ 100, 4.407,
239.660

■ 47, 4.407, 239.660

■ 77, 4.407, 239.660

■ 37, 4.407, 239.660

■ 87, 4.407, 239.660

■ 27, 4.407, 239.660

■ 97, 4.407, 239.660

■ 17, 4.407, 239.660

■ 7, 4.407, 239.660

■ 0, 4.407, 239.660

■ 57, 4.407, 239.660

■ 57, 4.407, 239.660

■ 54, 8.756, 240.760

■ 60, 0.098, 54.838

■ 52, 12.911,

■ 62, 4.722, 57.753

242.173

65, 9.434, 57.151

50, 16.830,
243.922

67, 14.209, 56.633

47, 20.476,
246.074

70, 19.024, 56.196

45, 23.823,
248.707

73, 23.861, 55.826

43, 26.864,
251.892

75, 28.707, 55.513

41, 29.628,
255.680

78, 33.550, 55.245

39, 32.183,
260.066

37, 34.703,
264.721

Harmonies

Complementary

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



57, 4.407, 239.660



57, 4.604, 57.721

Rectangle

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



57, 4.407, 239.660



57, 4.407, 289.660



57, 4.407, 59.660



57, 4.407, 109.660

Sweetspot

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



57, 4.407, 239.641



75, 1.695, 239.164



58, 7.568, 155.720



39, 1.293, 239.182



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



57, 4.407, 239.641



72, 6.670, 239.890



55, 6.873, 284.355



29, 2.541, 239.584



35, 33.207, 264.516



1, 1.742, 238.643

Inverse Universe

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



56, 7.579, 337.335



70, 11.543, 337.524



59, 6.772, 102.204



28, 4.364, 337.290



29, 55.964, 348.574



1, 2.924, 336.683

Previews

White Background



This preview shows how the CIELCh color 57, 4.407, 239.660 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, 4.407, 239.660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

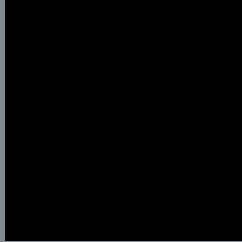
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

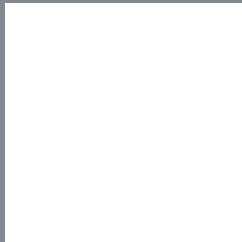
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 4.407, 239.660

Background



This preview shows how black text looks on a background with the CIELCh color 57, 4.407, 239.660.



This preview shows how white text looks on a background with the CIELCh color 57, 4.407, 239.660.

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, 4.407, 239.660

Protanopia

57, 3.525, 303.257

Deuteranopia

57, 8.097, 329.457



Tritanopia
57, 6.751, 268.064

Trichromacy



Original Color

57, 4.407, 239.660

Protanomaly

57, 2.945, 275.387

Deuteranomaly

57, 5.516, 311.222

Tritanomaly

57, 5.726, 263.351

Monochromacy



Original Color

57, 4.407, 239.660

Achromatopsia

57, 0.007, 296.813

Achromatomaly

57, 1.619, 244.468

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 4.407, 239.660 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(129, 138, 143)` looks like.

```
.text, #text, p{  
    color:rgb(129, 138, 143)  
}
```

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(129, 138, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 138, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 4.407, 239.660 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(129, 138, 143) }
```

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

```
.border{ border-color:rgb(129, 138, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 138, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 138, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 138, 143);  
box-shadow:4px 4px 4px 4px rgb(129, 138,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 4.407, 239.660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 138, 143) }
```

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

```
.background{ background-color: rgb(129,  
138, 143) }
```

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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