

Converting Colors

CIELCh(57, 8.608, 258.138)

Have a look what the booklet for
CIELCh(57, 8.608, 258.138) contains.

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Color

CIELCh(57, 8.535, 259.840)

Conversions

Conversions Part 1

Format	Color
Hex	7E8A97
RGB	126, 138, 151
RGB Percent	49%, 54%, 59%
CMY	0.5051, 0.4581, 0.4071
CMYK	0.17, 0.09, 0.00, 0.41
HSL	211°, 11%, 54%
HSV	211°, 17%, 59%
XYZ	23.3498, 24.9227, 32.9413
YIQ	135.8940, -11.3250, 1.4990

Conversions

Conversions Part 2

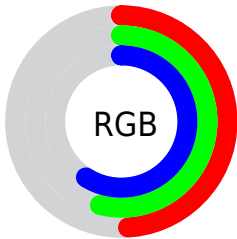
Format	Color
R_{YB}	126, 134, 151
Decimal	8293015
CIE _{Lab}	57.00, -1.51, -8.40
CIE _{LCh}	57, 8.535, 259.840
Yxy	24.9227, 0.2875, 0.3069
Android (android.graphics.Color)	4286483095 (0xFF7E8A97)
YUV	135.8940, 7.4473, -8.6770
Hunter-Lab	49.9226, -3.8764, -4.1766

Details

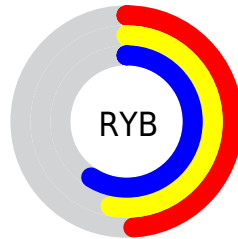
The CIELCh color $57, 8.535, 259.840$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $59, 8.848, 75.507$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 8.540, 261.233$, and $37, 8.451, 260.908$ is the 20% darker color. If you saturate the color by 10%, you get $54, 13.640, 261.507$, and if you desaturate by 10%, it is $60, 3.387, 258.451$.

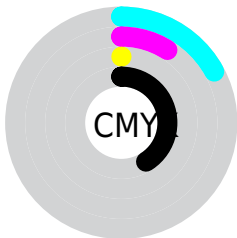
Distribution



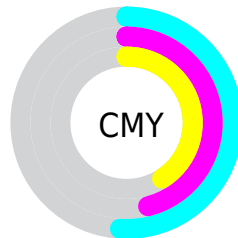
- Red (49%)
- Green (54%)
- Blue (59%)



- Red (49%)
- Yellow (53%)
- Blue (59%)



- Cyan (17%)
- Magenta (9%)
- Yellow (0%)
- Black (41%)



- Cyan (51%)
- Magenta (46%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 8.535, 259.840 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, 8.535, 259.840 by changing the saturation by 10% instead.

■ 57, 8.535, 259.840

■ 57, 8.535, 259.840

■ 100, 8.535,
259.840

■ 47, 8.535, 259.840

■ 77, 8.535, 259.840

■ 37, 8.535, 259.840

■ 87, 8.535, 259.840

■ 27, 8.535, 259.840

■ 97, 8.535, 259.840

■ 17, 8.535, 259.840

■ 7, 8.535, 259.840

■ 0, 8.535, 259.840

■ 57, 8.535, 259.840

■ 57, 8.535, 259.840

■ 54, 13.640,
261.507

■ 60, 3.387, 258.451

■ 64, 1.786, 76.984

50, 18.689,
263.496

67, 6.968, 76.056

47, 23.671,
265.848

70, 12.145, 75.168

74, 17.304, 74.387

44, 28.587,
268.615

77, 22.436, 73.700

41, 33.456,
271.833

81, 27.532, 73.093

84, 32.585, 72.553

38, 38.318,
275.502

87, 35.814, 75.866

35, 43.234,
279.564

33, 48.275,
283.839

32, 50.075,
285.221

Harmonies

Complementary

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



57, 8.535, 259.840



59, 8.848, 75.507

Rectangle

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



57, 8.535, 259.840



57, 8.535, 309.840



57, 8.535, 79.840



57, 8.535, 129.840

Sweetspot

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



57, 8.534, 259.832



77, 3.207, 258.287



60, 11.832, 163.175



41, 2.204, 258.358



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



57, 8.534, 259.832



71, 12.752, 260.444



54, 14.458, 292.544



31, 2.952, 258.790



29, 47.086, 284.900



1, 3.222, 258.396

Inverse Universe

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



55, 12.070, 346.134



69, 18.130, 346.509



62, 13.934, 109.319



30, 4.129, 345.454



29, 54.249, 2.815



1, 4.389, 345.183

Previews

White Background



This preview shows how the CIELCh color 57, 8.535, 259.840 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, 8.535, 259.840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

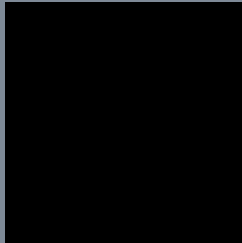
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

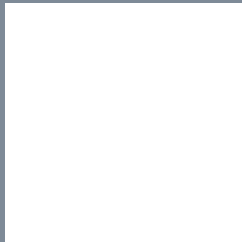
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 8.535, 259.840

Background



This preview shows how black text looks on a background with the CIELCh color 57, 8.535, 259.840.



This preview shows how white text looks on a background with the CIELCh color 57, 8.535, 259.840.

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, 8.535, 259.840

Protanopia

57, 7.995, 288.428

Deuteranopia

57, 11.550, 310.513



Tritanopia
57, 7.601, 255.081

Trichromacy



Original Color
57, 8.535, 259.840

Protanomaly
57, 7.610, 276.841

Deuteranomaly
57, 9.754, 295.717

Tritanomaly
57, 8.061, 257.595

Monochromacy



Original Color
57, 8.535, 259.840

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 3.409, 256.370

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 8.535, 259.840 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(126, 138, 151)` looks like.

```
.text, #text, p{  
    color:rgb(126, 138, 151)  
}
```

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(126, 138, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 138, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 8.535, 259.840 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(126, 138, 151) }
```

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

```
.border{ border-color:rgb(126, 138, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 138, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 138, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 138, 151);  
box-shadow:4px 4px 4px 4px rgb(126, 138,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 8.535, 259.840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 138, 151) }
```

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

```
.background{ background-color: rgb(126,  
138, 151) }
```

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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