

Converting Colors

CIELCh(57, 8.502, 301.908)

Have a look what the booklet for
CIELCh(57, 8.502, 301.908) contains.

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Color

CIELCh(57, 8.163, 301.816)

Conversions

Conversions Part 1

Format	Color
Hex	8B8795
RGB	139, 135, 149
RGB Percent	55%, 53%, 58%
CMY	0.4555, 0.4712, 0.4163
CMYK	0.07, 0.09, 0.00, 0.42
HSL	257°, 6%, 56%
HSV	257°, 9%, 58%
XYZ	24.6735, 24.9227, 31.8750
YIQ	137.7920, -2.1100, 5.2020

Conversions

Conversions Part 2

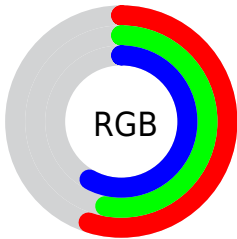
Format	Color
R_{YB}	139, 135, 149
Decimal	9144213
CIE _{Lab}	57.00, 4.30, -6.94
CIE _{LCh}	57, 8.163, 301.816
Yxy	24.9227, 0.3028, 0.3059
Android (android.graphics.Color)	4287334293 (0xFF8B8795)
YUV	137.7920, 5.5255, 1.0594
Hunter-Lab	49.9226, 0.8565, -2.9101

Details

The CIELCh color $57, 8.163, 301.816$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $61, 8.011, 120.731$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 8.215, 300.996$, and $37, 8.240, 302.826$ is the 20% darker color. If you saturate the color by 10%, you get $52, 17.134, 302.487$, and if you desaturate by 10%, it is $62, 0.501, 121.295$.

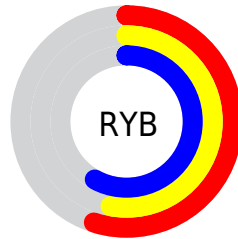
Distribution



Red (55%)

Green (53%)

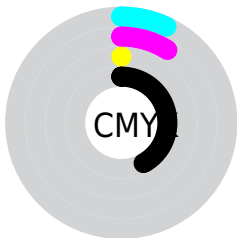
Blue (58%)



Red (55%)

Yellow (53%)

Blue (58%)

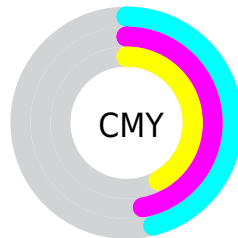


Cyan (7%)

Magenta (9%)

Yellow (0%)

Black (42%)



Cyan (46%)

Magenta (47%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 8.163, 301.816 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, 8.163, 301.816 by changing the saturation by 10% instead.

■ 57, 8.163, 301.816

■ 57, 8.163, 301.816

■ 100, 8.163,
301.816

■ 47, 8.163, 301.816

■ 77, 8.163, 301.816

■ 37, 8.163, 301.816

■ 87, 8.163, 301.816

■ 27, 8.163, 301.816

■ 97, 8.163, 301.816

■ 17, 8.163, 301.816

■ 7, 8.163, 301.816

■ 0, 8.163, 301.816

■ 57, 8.163, 301.816

■ 57, 8.163, 301.816

■ 52, 17.134,
302.487

■ 62, 0.501, 121.295

■ 67, 8.864, 120.716

47, 26.416,
303.246

72, 16.942,
120.267

42, 35.983,
304.089

77, 24.749,
119.881

37, 45.769,
305.002

81, 32.303,
119.547

33, 55.619,
305.950

86, 39.619,
119.260

28, 65.224,
306.865

91, 46.712,
119.013

24, 74.038,
307.634

96, 53.596,
118.801

21, 81.239,
308.095

97, 53.324,
114.828

19, 86.619,
308.273

Harmonies

Complementary

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



57, 8.163, 301.816



61, 8.011, 120.731

Rectangle

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



57, 8.163, 301.816



57, 8.163, 351.816



57, 8.163, 121.816



57, 8.163, 171.816

Sweetspot

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



57, 8.161, 301.812



77, 3.200, 301.420



59, 4.360, 230.208



40, 2.420, 301.467



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



57, 8.161, 301.812



72, 11.878, 301.929



58, 9.061, 318.691



29, 4.876, 301.799



17, 82.091, 308.358



0, 4.203, 301.257

Inverse Universe

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



58, 7.912, 334.293



73, 11.494, 334.421



60, 9.008, 137.913



29, 4.728, 334.278



30, 59.188, 343.355



1, 4.106, 333.708

Previews

White Background



This preview shows how the CIELCh color 57, 8.163, 301.816 looks on a white background.

Color Contrast Check

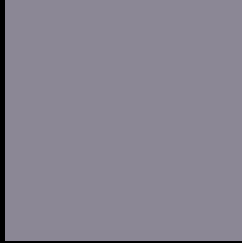
Large Text (above 18pt) WCAG AA ✓ Pass

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, 8.163, 301.816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

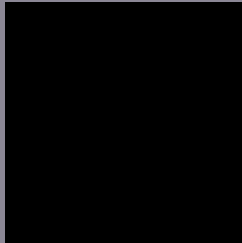
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

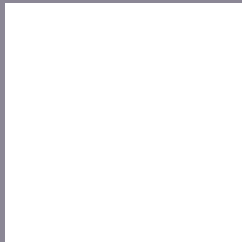
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 8.163, 301.816

Background



This preview shows how black text looks on a background with the CIELCh color 57, 8.163, 301.816.



This preview shows how white text looks on a background with the CIELCh color 57, 8.163, 301.816.

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, 8.163, 301.816

Protanopia

57, 7.425, 288.147

Deuteranopia

57, 10.110, 315.759



Tritanopia
57, 6.407, 301.218

Trichromacy



Original Color
57, 8.163, 301.816

Protanomaly
57, 7.422, 291.052

Deuteranomaly
57, 9.136, 310.640

Tritanomaly
57, 6.970, 300.416

Monochromacy



Original Color
57, 8.163, 301.816

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 2.886, 298.223

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 8.163, 301.816 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(139, 135, 149)` looks like.

```
.text, #text, p{  
    color:rgb(139, 135, 149)  
}
```

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(139, 135, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 135, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 8.163, 301.816 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(139, 135, 149) }
```

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

```
.border{ border-color:rgb(139, 135, 149) }
```

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

Here you see how a box with a 4 pixel rgb(139, 135, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 135, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 135, 149);  
box-shadow:4px 4px 4px 4px rgb(139, 135,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 8.163, 301.816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 135, 149) }
```

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

```
.background{ background-color: rgb(139,  
135, 149) }
```

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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