

Converting Colors

CIELCh(57, 10.880, 290.268)

Have a look what the booklet for
CIELCh(57, 10.880, 290.268)
contains.

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Color

CIELCh(57, 10.857, 291.451)

Conversions

Conversions Part 1

Format	Color
Hex	87879A
RGB	135, 135, 154
RGB Percent	53%, 53%, 60%
CMY	0.4695, 0.4695, 0.3950
CMYK	0.12, 0.12, 0.00, 0.39
HSL	240°, 9%, 57%
HSV	240°, 12%, 61%
XYZ	24.5963, 24.9227, 34.2114
YIQ	137.1660, -6.0990, 5.9090

Conversions

Conversions Part 2

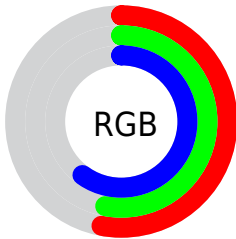
Format	Color
RYB	135, 135, 154
Decimal	8882074
CIELab	57.00, 3.97, -10.10
CIELCh	57, 10.857, 291.451
Yxy	24.9227, 0.2938, 0.2977
Android (android.graphics.Color)	4287072154 (0xFF87879A)
YUV	137.1660, 8.2992, -1.8996
Hunter-Lab	49.9226, 0.5805, -5.6849

Details

The CIELCh color $57, 10.857, 291.451$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $63, 10.561, 109.014$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 10.757, 291.173$, and $37, 11.154, 291.973$ is the 20% darker color. If you saturate the color by 10%, you get $52, 20.064, 292.676$, and if you desaturate by 10%, it is $62, 2.010, 290.422$.

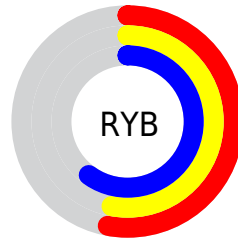
Distribution



Red (53%)

Green (53%)

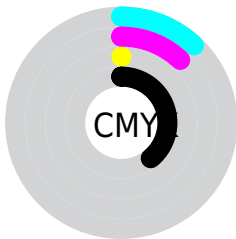
Blue (60%)



Red (53%)

Yellow (53%)

Blue (60%)

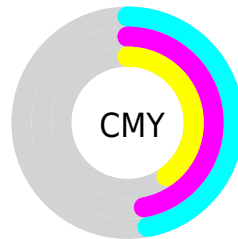


Cyan (12%)

Magenta (12%)

Yellow (0%)

Black (39%)



Cyan (47%)

Magenta (47%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 10.857, 291.451 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, 10.857, 291.451 by changing the saturation by 10% instead.

■ 57, 10.857,
291.451

■ 57, 10.857,
291.451

■ 100, 10.857,
291.451

■ 47, 10.857,
291.451

■ 77, 10.857,
291.451

■ 37, 10.857,
291.451

■ 87, 10.857,
291.451

■ 27, 10.857,
291.451

■ 97, 10.857,
291.451

■ 17, 10.857,
291.451

■ 7, 10.857, 291.451

■ 0, 10.857, 291.451

57, 10.857,
291.451

57, 10.857,
291.451

52, 20.064,
292.676

62, 2.010, 290.422

46, 29.662,
294.119

68, 6.500, 109.496

41, 39.666,
295.798

73, 14.699,
108.740

35, 50.051,
297.712

79, 22.609,
108.090

30, 60.685,
299.816

84, 30.251,
107.531

25, 71.182,
301.983

89, 37.641,
107.047

21, 80.694,
303.970

94, 44.797,
106.627

19, 87.863,

98, 50.085,
106.347

305.453

■ 17, 91.951,
306.286

Harmonies

Complementary

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



57, 10.857, 291.451



63, 10.561, 109.014

Rectangle

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



57, 10.857, 291.451



57, 10.857, 341.451



57, 10.857, 111.451



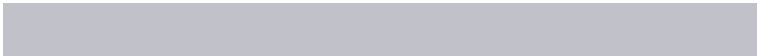
57, 10.857, 161.451

Sweetspot

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



57, 10.856, 291.447



78, 4.317, 290.583



62, 7.088, 197.377



41, 3.095, 290.652



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



57, 10.856, 291.447



71, 16.523, 291.793



58, 11.421, 309.030



29, 4.917, 291.106



15, 85.762, 306.286



0, 5.229, 290.176

Inverse Universe

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



58, 7.638, 20.134



73, 11.692, 20.375



63, 11.225, 127.949



30, 3.439, 19.892



28, 66.111, 39.048



1, 3.595, 19.401

Previews

White Background



This preview shows how the CIELCh color 57, 10.857, 291.451 looks on a white background.

Color Contrast Check

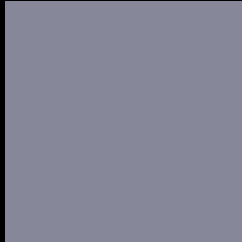
Large Text (above 18pt) WCAG AA ✓ Pass

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, 10.857, 291.451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

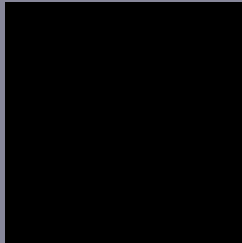
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

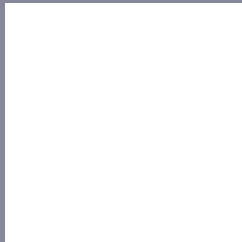
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 10.857, 291.451

Background



This preview shows how black text looks on a background with the CIELCh color 57, 10.857, 291.451.



This preview shows how white text looks on a background with the CIELCh color 57, 10.857, 291.451.

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, 10.857, 291.451

Protanopia

57, 10.855, 287.548

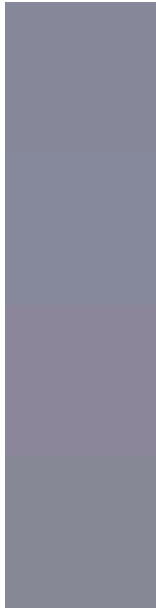
Deuteranopia

57, 13.071, 306.536



Tritanopia
57, 6.314, 284.042

Trichromacy



Original Color
57, 10.857, 291.451

Protanomaly
57, 10.855, 287.548

Deuteranomaly
57, 12.244, 302.089

Tritanomaly
57, 8.015, 285.754

Monochromacy



Original Color
57, 10.857, 291.451

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 4.000, 290.660

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 10.857, 291.451 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(135, 135, 154)` looks like.

```
.text, #text, p{  
    color:rgb(135, 135, 154)  
}
```

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(135, 135, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 135, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 10.857, 291.451 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(135, 135, 154) }
```

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

```
.border{ border-color:rgb(135, 135, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 135, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 135, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 135, 154); box-shadow:4px 4px 4px 4px rgb(135, 135, 154) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 10.857, 291.451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 135, 154) }
```

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

```
.background{ background-color: rgb(135,  
135, 154) }
```

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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