

Converting Colors

CIELCh(57, 13.194, 283.813)

Have a look what the booklet for
CIELCh(57, 13.194, 283.813)
contains.

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Color

CIELCh(57, 13.211, 283.828)

Conversions

Conversions Part 1

Format	Color
Hex	83889F
RGB	131, 136, 159
RGB Percent	51%, 53%, 62%
CMY	0.4864, 0.4668, 0.3766
CMYK	0.18, 0.14, 0.00, 0.38
HSL	229°, 13%, 57%
HSV	229°, 18%, 62%
XYZ	24.4086, 24.9227, 36.3084
YIQ	137.1270, -10.3630, 6.0930

Conversions

Conversions Part 2

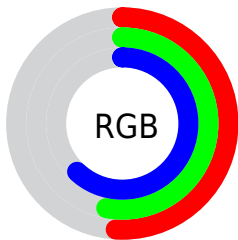
Format	Color
R_{YB}	131, 135, 159
Decimal	8620191
CIE _{Lab}	57.00, 3.16, -12.83
CIE _{LCh}	57, 13.211, 283.828
Yxy	24.9227, 0.2850, 0.2910
Android (android.graphics.Color)	4286810271 (0xFF83889F)
YUV	137.1270, 10.7834, -5.3734
Hunter-Lab	49.9226, -0.0909, -8.1754

Details

The CIELCh color $57, 13.211, 283.828$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $63, 12.925, 99.707$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 13.509, 284.039$, and $37, 13.690, 284.409$ is the 20% darker color. If you saturate the color by 10%, you get $52, 21.032, 285.333$, and if you desaturate by 10%, it is $62, 5.629, 282.541$.

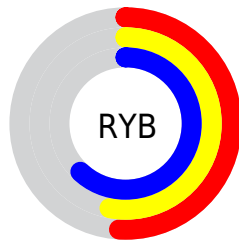
Distribution



Red (51%)

Green (53%)

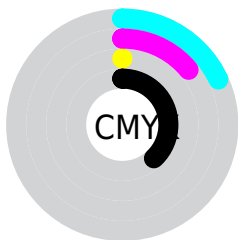
Blue (62%)



Red (51%)

Yellow (53%)

Blue (62%)

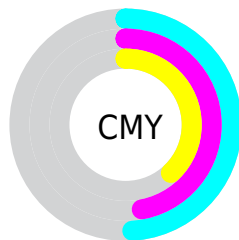


Cyan (18%)

Magenta (14%)

Yellow (0%)

Black (38%)



Cyan (49%)


Magenta (47%)

Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 13.211, 283.828 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, 13.211, 283.828 by changing the saturation by 10% instead.


 57, 13.211,
283.828


 57, 13.211,
283.828


 100, 13.211,
283.828


 47, 13.211,
283.828


 77, 13.211,
283.828


 37, 13.211,
283.828

 87, 13.211,
283.828

 27, 13.211,
283.828

 97, 13.211,
283.828

 17, 13.211,
283.828

 7, 13.211, 283.828

 0, 13.211, 283.828

■ 57, 13.211,
283.828

■ 57, 13.211,
283.828

■ 52, 21.032,
285.333

■ 62, 5.629, 282.541

■ 47, 29.116,
287.093

■ 67, 1.729, 101.334

■ 71, 8.878, 100.429

■ 43, 37.487,
289.136

■ 76, 15.829, 99.600

■ 38, 46.161,
291.477

■ 81, 22.593, 98.873

■ 85, 29.178, 98.234

■ 33, 55.122,
294.094

■ 90, 35.592, 97.669

■ 29, 64.257,
296.905

■ 94, 41.634, 98.873

■ 98, 47.175,
105.826

■ 25, 73.248,
299.741

■ 22, 81.480,

302.314

■ 21, 83.262,
302.823

Harmonies

Complementary

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



57, 13.211, 283.828



63, 12.925, 99.707

Rectangle

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



57, 13.211, 283.828



57, 13.211, 333.828



57, 13.211, 103.828



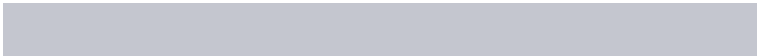
57, 13.211, 153.828

Sweetspot

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



57, 13.210, 283.825



80, 4.562, 282.256



63, 10.812, 183.034



42, 3.139, 282.329



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



57, 13.210, 283.825



70, 19.606, 284.368



56, 16.427, 303.473



31, 4.171, 282.735



19, 76.385, 302.591



1, 5.446, 282.181

Inverse Universe

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



57, 11.611, 6.558



71, 17.302, 7.001



64, 15.902, 121.462



31, 3.629, 5.655



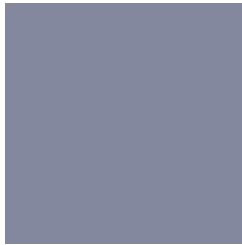
29, 60.534, 29.803



1, 4.621, 5.607

Previews

White Background



This preview shows how the CIELCh color 57, 13.211, 283.828 looks on a white background.

Color Contrast Check

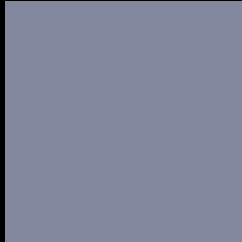
Large Text (above 18pt) WCAG AA ✓ Pass

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, 13.211, 283.828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

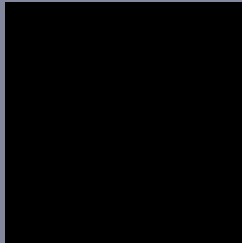
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

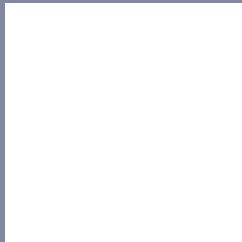
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 13.211, 283.828

Background



This preview shows how black text looks on a background with the CIELCh color 57, 13.211, 283.828.



This preview shows how white text looks on a background with the CIELCh color 57, 13.211, 283.828.

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, 13.211, 283.828

Protanopia

57, 13.174, 285.380

Deuteranopia

57, 15.074, 300.305



Tritanopia
57, 7.045, 262.466

Trichromacy



Original Color
57, 13.211, 283.828

Protanomaly
57, 13.174, 285.380

Deuteranomaly
57, 14.326, 294.767

Tritanomaly
57, 9.428, 275.357

Monochromacy



Original Color
57, 13.211, 283.828

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 4.615, 281.213

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 13.211, 283.828 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(131, 136, 159)` looks like.

```
.text, #text, p{  
    color:rgb(131, 136, 159)  
}
```

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(131, 136, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 136, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 13.211, 283.828 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(131, 136, 159) }
```

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

```
.border{ border-color:rgb(131, 136, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 136, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 136, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 136, 159);  
box-shadow:4px 4px 4px 4px rgb(131, 136,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 13.211, 283.828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 136, 159) }
```

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

```
.background{ background-color: rgb(131,  
136, 159) }
```

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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