

Converting Colors

CIELCh(57, 15.494, 312.754)

Have a look what the booklet for
CIELCh(57, 15.494, 312.754)
contains.

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Color

CIELCh(57, 15.961, 312.404)

Conversions

Conversions Part 1

Format	Color
Hex	92839D
RGB	146, 131, 157
RGB Percent	57%, 51%, 62%
CMY	0.4260, 0.4848, 0.3828
CMYK	0.07, 0.17, 0.00, 0.38
HSL	275°, 12%, 57%
HSV	275°, 17%, 62%
XYZ	26.2033, 24.9227, 35.4959
YIQ	138.4490, 0.5940, 11.2660

Conversions

Conversions Part 2

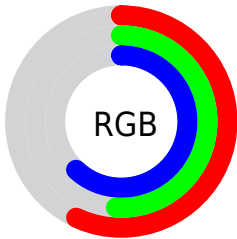
Format	Color
R_{YB}	146, 131, 157
Decimal	9601949
CIE _{Lab}	57.00, 10.76, -11.79
CIE _{LCh}	57, 15.961, 312.404
Yxy	24.9227, 0.3025, 0.2877
Android (android.graphics.Color)	4287792029 (0xFF92839D)
YUV	138.4490, 9.1456, 6.6222
Hunter-Lab	49.9226, 6.3261, -7.2104

Details

The CIELCh color $57, 15.961, 312.404$ is a dark color, and the websafe version is hex `9999CC`. A complement of this color would be $63, 15.670, 131.013$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 16.177, 312.083$, and $37, 15.801, 311.470$ is the 20% darker color. If you saturate the color by 10%, you get $52, 25.901, 312.864$, and if you desaturate by 10%, it is $62, 6.226, 311.958$.

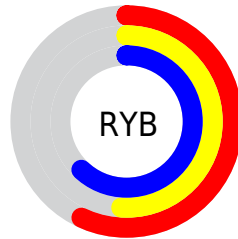
Distribution



Red (57%)

Green (51%)

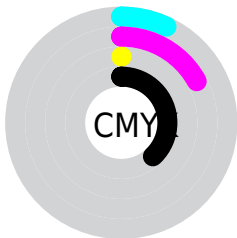
Blue (62%)



Red (57%)

Yellow (51%)

Blue (62%)

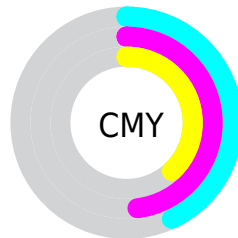


Cyan (7%)

Magenta (17%)

Yellow (0%)

Black (38%)



Cyan (43%)

Magenta (48%)

Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 15.961, 312.404 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, 15.961, 312.404 by changing the saturation by 10% instead.


 57, 15.961,
312.404


 57, 15.961,
312.404


 100, 15.961,
312.404


 47, 15.961,
312.404


 77, 15.961,
312.404

 37, 15.961,
312.404

 87, 15.961,
312.404

 27, 15.961,
312.404

 97, 15.961,
312.404

 17, 15.961,
312.404

 7, 15.961, 312.404

 0, 15.961, 312.404

57, 15.961,
312.404

57, 15.961,
312.404

52, 25.901,
312.864

62, 6.226, 311.958

48, 35.973,
313.333

67, 3.256, 131.612

43, 46.033,
313.790

71, 12.469,
131.218

39, 55.853,
314.198

76, 21.411,
130.884

35, 65.079,
314.506

81, 30.084,
130.587

31, 73.221,
314.642

86, 38.498,
130.324

29, 79.690,
314.519

90, 46.664,
130.093

26, 84.091,

94, 53.320,
129.587

314.078

■ 95, 52.343,
127.216

■ 26, 85.486,
313.924

Harmonies

Complementary

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



57, 15.961, 312.404



63, 15.670, 131.013

Rectangle

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



57, 15.961, 312.404



57, 15.961, 2.404



57, 15.961, 132.404



57, 15.961, 182.404

Sweetspot

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



57, 15.959, 312.403



79, 5.883, 311.893



59, 9.219, 264.590



41, 4.008, 311.923



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, 15.959, 312.403



70, 23.967, 312.579



58, 17.043, 327.189



31, 5.432, 312.079



23, 79.561, 314.017



1, 6.981, 310.698

Inverse Universe

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



58, 12.033, 349.489



71, 18.073, 349.889



62, 17.020, 145.268



31, 4.091, 348.769



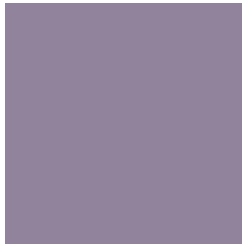
30, 54.850, 8.288



1, 5.209, 349.334

Previews

White Background



This preview shows how the CIELCh color 57, 15.961, 312.404 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, 15.961, 312.404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

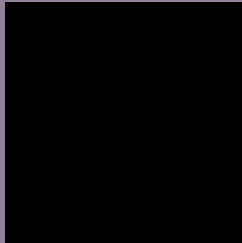
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 15.961, 312.404

Background



This preview shows how black text looks on a background with the CIELCh color 57, 15.961, 312.404.



This preview shows how white text looks on a background with the CIELCh color 57, 15.961, 312.404.

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

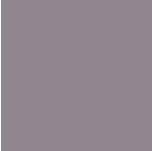
57, 15.961, 312.404

Protanopia

57, 13.740, 285.725

Deuteranopia

57, 14.088, 303.915



Tritanopia
57, 6.937, 324.782

Trichromacy



Original Color
57, 15.961, 312.404

Protanomaly
57, 14.354, 296.227

Deuteranomaly
57, 14.935, 307.711

Tritanomaly
57, 10.277, 317.726

Monochromacy



Original Color
57, 15.961, 312.404

Achromatopsia
58, 0.007, 296.813

Achromatomaly
57, 6.181, 312.741

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 15.961, 312.404 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(146, 131, 157)` looks like.

```
.text, #text, p{  
    color:rgb(146, 131, 157)  
}
```

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(146, 131, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 131, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 15.961, 312.404 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(146, 131, 157) }
```

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

```
.border{ border-color:rgb(146, 131, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 131, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 131, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 131, 157);  
box-shadow:4px 4px 4px 4px rgb(146, 131,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 15.961, 312.404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 131, 157) }
```

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

```
.background{ background-color: rgb(146,  
131, 157) }
```

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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