

Converting Colors

CIELCh(57, 20.133, 313.908)

Have a look what the booklet for
CIELCh(57, 20.133, 313.908)
contains.

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Color

CIELCh(57, 19.807, 314.134)

Conversions

Conversions Part 1

Format	Color
Hex	9682A2
RGB	150, 130, 162
RGB Percent	59%, 51%, 64%
CMY	0.4131, 0.4915, 0.3661
CMYK	0.07, 0.20, 0.00, 0.37
HSL	277°, 15%, 57%
HSV	277°, 20%, 63%
XYZ	26.9418, 24.9227, 37.4092
YIQ	139.6280, 1.6480, 14.1920

Conversions

Conversions Part 2

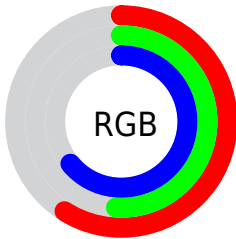
Format	Color
RYB	150, 130, 162
Decimal	9863842
CIELab	57.00, 13.79, -14.22
CIELCh	57, 19.807, 314.134
Yxy	24.9227, 0.3018, 0.2792
Android (android.graphics.Color)	4288053922 (0xFF9682A2)
YUV	139.6280, 11.0294, 9.0962
Hunter-Lab	49.9226, 8.9667, -9.4827

Details

The CIELCh color $57, 19.807, 314.134$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $64, 19.433, 132.460$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 19.818, 313.727$, and $37, 19.341, 314.246$ is the 20% darker color. If you saturate the color by 10%, you get $52, 30.088, 314.580$, and if you desaturate by 10%, it is $62, 9.687, 313.696$.

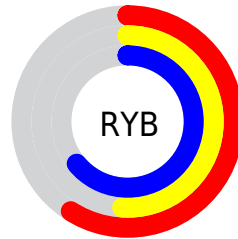
Distribution



Red (59%)

Green (51%)

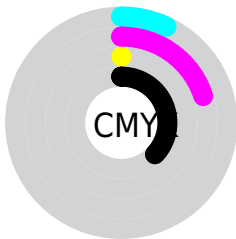
Blue (64%)



Red (59%)

Yellow (51%)

Blue (64%)

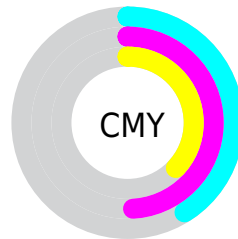


Cyan (7%)

Magenta (20%)

Yellow (0%)

Black (37%)



Cyan (41%)


Magenta (49%)


Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 19.807, 314.134 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, 19.807, 314.134 by changing the saturation by 10% instead.


 57, 19.807,
314.134


 57, 19.807,
314.134


 100, 19.807,
314.134


 47, 19.807,
314.134


 77, 19.807,
314.134

 37, 19.807,
314.134

 87, 19.807,
314.134

 27, 19.807,
314.134

 97, 19.807,
314.134

 17, 19.807,
314.134

 7, 19.807, 314.134

 0, 19.807, 314.134

57, 19.807,
314.134

57, 19.807,
314.134

52, 30.088,
314.580

62, 9.687, 313.696

48, 40.422,
315.022

67, 0.201, 133.973

71, 9.828, 132.940

43, 50.619,
315.432

76, 19.181,
132.589

39, 60.389,
315.770

81, 28.258,
132.275

35, 69.315,
315.982

86, 37.065,
131.995

32, 76.860,
315.995

91, 45.613,
131.746

30, 82.466,
315.731

94, 51.650,
131.059

28, 86.264,

315.223

95, 50.717,
128.879

28, 86.346,
315.213

Harmonies

Complementary

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



57, 19.807, 314.134



64, 19.433, 132.460

Rectangle

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



57, 19.807, 314.134



57, 19.807, 4.134



57, 19.807, 134.134



57, 19.807, 184.134

Sweetspot

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



57, 19.805, 314.133



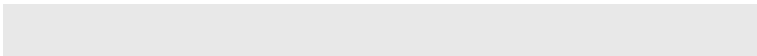
80, 7.294, 313.534



59, 11.909, 269.735



42, 4.832, 313.561



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, 19.805, 314.133



70, 29.760, 314.341



58, 20.168, 328.913



32, 5.640, 313.673



25, 79.821, 315.308



1, 8.570, 311.402

Inverse Universe

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



58, 14.393, 352.856



71, 21.659, 353.386



63, 20.128, 146.496



32, 4.081, 351.754



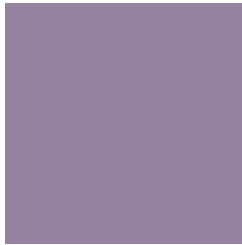
30, 55.934, 12.950



1, 6.127, 353.262

Previews

White Background



This preview shows how the CIELCh color 57, 19.807, 314.134 looks on a white background.

Color Contrast Check

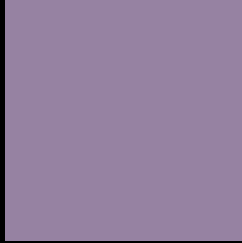
Large Text (above 18pt) WCAG AA ✓ Pass

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, 19.807, 314.134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

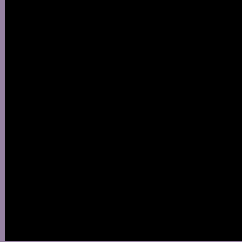
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 19.807, 314.134

Background



This preview shows how black text looks on a background with the CIELCh color 57, 19.807, 314.134.



This preview shows how white text looks on a background with the CIELCh color 57, 19.807, 314.134.

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, 19.807, 314.134

Protanopia

57, 17.193, 285.074

Deuteranopia

57, 15.567, 298.692



Tritanopia
57, 7.933, 334.305

Trichromacy



Original Color
57, 19.807, 314.134

Protanomaly
57, 17.197, 295.762

Deuteranomaly
57, 17.133, 305.710

Tritanomaly
57, 12.019, 321.946

Monochromacy



Original Color
57, 19.807, 314.134

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 6.856, 313.967

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 19.807, 314.134 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(150, 130, 162)` looks like.

```
.text, #text, p{  
    color:rgb(150, 130, 162)  
}
```

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(150, 130, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 130, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 19.807, 314.134 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(150, 130, 162) }
```

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

```
.border{ border-color:rgb(150, 130, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 130, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 130, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 130, 162);  
box-shadow:4px 4px 4px 4px rgb(150, 130,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 19.807, 314.134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 130, 162) }
```

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

```
.background{ background-color: rgb(150,  
130, 162) }
```

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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