

Converting Colors

CIELCh(57, 30.831, 313.189)

Have a look what the booklet for
CIELCh(57, 30.831, 313.189)
contains.

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Color

CIELCh(57, 30.469, 313.064)

Conversions

Conversions Part 1

Format	Color
Hex	9B7EB0
RGB	155, 126, 176
RGB Percent	61%, 49%, 69%
CMY	0.3932, 0.5069, 0.3109
CMYK	0.12, 0.28, 0.00, 0.31
HSL	275°, 24%, 59%
HSV	275°, 28%, 69%
XYZ	28.7045, 24.9227, 44.2316
YIQ	140.3710, 1.2340, 21.6980

Conversions

Conversions Part 2

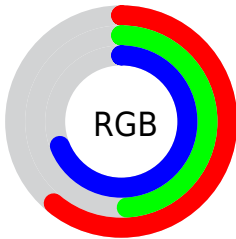
Format	Color
RYB	155, 126, 176
Decimal	10190512
CIELab	57.00, 20.80, -22.26
CIELCh	57, 30.469, 313.064
Yxy	24.9227, 0.2933, 0.2547
Android (android.graphics.Color)	4288380592 (0xFF9B7EB0)
YUV	140.3710, 17.5651, 12.8296
Hunter-Lab	49.9226, 15.2694, -17.5853

Details

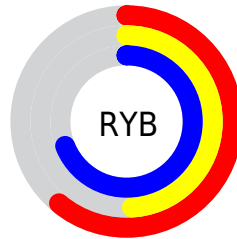
The CIELCh color **57, 30.469, 313.064** is a light color, and the websafe version is hex **996699**. A complement of this color would be **68, 29.516, 130.541**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 30.541, 312.984**, and **37, 30.050, 312.956** is the 20% darker color. If you saturate the color by 10%, you get **52, 41.502, 313.535**, and if you desaturate by 10%, it is **62, 19.546, 312.598**.

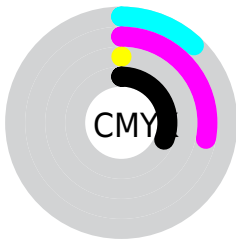
Distribution



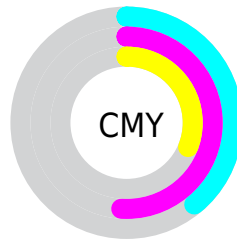
- Red (61%)
- Green (49%)
- Blue (69%)



- Red (61%)
- Yellow (49%)
- Blue (69%)



- Cyan (12%)
- Magenta (28%)
- Yellow (0%)
- Black (31%)





- Cyan (39%)
- Magenta (51%)
- Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 30.469, 313.064 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, 30.469, 313.064 by changing the saturation by 10% instead.


 57, 30.469,
313.064


 57, 30.469,
313.064


 100, 30.469,
313.064


 47, 30.469,
313.064


 77, 30.469,
313.064

 37, 30.469,
313.064

 87, 30.469,
313.064

 27, 30.469,
313.064

 97, 30.469,
313.064

 17, 30.469,
313.064

 7, 30.469, 313.064

 0, 30.469, 313.064

57, 30.469,
313.064

57, 30.469,
313.064

52, 41.502,
313.535

62, 19.546,
312.598

47, 52.473,
313.985

67, 8.839, 312.147

43, 63.097,
314.375

73, 1.598, 131.833

38, 72.942,
314.647

78, 11.743,
131.386

35, 81.429,
314.723

83, 21.586,
131.041

32, 87.901,
314.512

88, 31.133,
130.735


30, 92.128,
313.988

93, 40.392,
130.465

29, 92.746,

96, 42.912,
128.310

313.909

 96, 41.938,
124.923

Harmonies

Complementary

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



57, 30.469, 313.064



68, 29.516, 130.541

Rectangle

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



57, 30.469, 313.064



57, 30.469, 3.064



57, 30.469, 133.064



57, 30.469, 183.064

Sweetspot

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



57, 30.467, 313.064



85, 11.718, 312.179



60, 17.362, 266.686



44, 8.148, 312.243



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



57, 30.467, 313.064



69, 45.487, 313.354



59, 32.109, 327.873



34, 5.869, 312.185



24, 82.632, 314.046



1, 12.008, 308.517

Inverse Universe

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



58, 22.908, 351.005



71, 34.144, 351.774



67, 32.090, 144.315



34, 4.409, 348.964



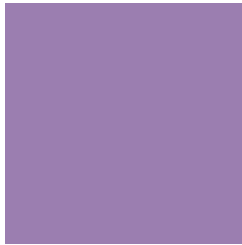
32, 57.001, 8.828



2, 8.763, 353.072

Previews

White Background



This preview shows how the CIELCh color 57, 30.469, 313.064 looks on a white background.

Color Contrast Check

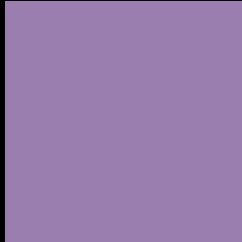
Large Text (above 18pt) WCAG AA ✓ Pass

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, 30.469, 313.064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

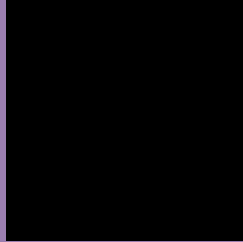
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 30.469, 313.064

Background



This preview shows how black text looks on a background with the CIELCh color 57, 30.469, 313.064.

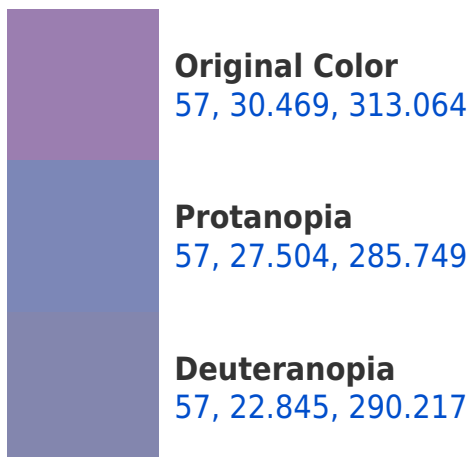



This preview shows how white text looks on a background with the CIELCh color 57, 30.469, 313.064.

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





Tritanopia
57, 8.802, 340.008

Trichromacy



Original Color
57, 30.469, 313.064

Protanomaly
57, 27.477, 295.433

Deuteranomaly
57, 25.424, 300.135

Tritanomaly
57, 15.920, 321.714

Monochromacy



Original Color
57, 30.469, 313.064

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 10.986, 311.471

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 30.469, 313.064 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(155, 126, 176)` looks like.

```
.text, #text, p{  
    color:rgb(155, 126, 176)  
}
```

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(155, 126, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 126, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 30.469, 313.064 is called "border". The border property can be set on classes, ids or directly on the HTML element.

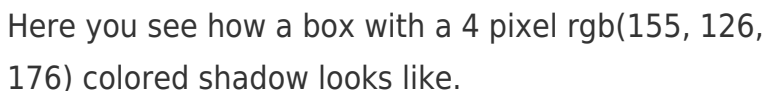
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 126, 176) }
```

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

```
.border{ border-color:rgb(155, 126, 176) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 126, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 126, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 126, 176);  
box-shadow:4px 4px 4px 4px rgb(155, 126,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 30.469, 313.064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 126, 176) }
```

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

```
.background{ background-color: rgb(155,  
126, 176) }
```

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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