

Converting Colors

CIELCh(57, 31.531, 315.273)

Have a look what the booklet for
CIELCh(57, 31.531, 315.273)
contains.

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Color

CIELCh(57, 31.495, 315.266)

Conversions

Conversions Part 1

Format	Color
Hex	9E7DB0
RGB	158, 125, 176
RGB Percent	62%, 49%, 69%
CMY	0.3819, 0.5112, 0.3113
CMYK	0.10, 0.29, 0.00, 0.31
HSL	279°, 24%, 59%
HSV	279°, 29%, 69%
XYZ	29.1091, 24.9227, 44.1477
YIQ	140.6810, 3.2970, 22.8570

Conversions

Conversions Part 2

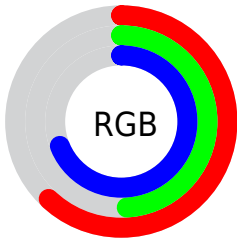
Format	Color
RYB	158, 125, 176
Decimal	10386864
CIELab	57.00, 22.37, -22.17
CIELCh	57, 31.495, 315.266
Yxy	24.9227, 0.2965, 0.2538
Android (android.graphics.Color)	4288576944 (0xFF9E7DB0)
YUV	140.6810, 17.4123, 15.1888
Hunter-Lab	49.9226, 16.7160, -17.4857

Details

The CIELCh color **57, 31.495, 315.266** is a light color, and the websafe version is hex **996699**. A complement of this color would be **68, 30.680, 132.714**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 31.541, 315.067**, and **37, 31.082, 315.339** is the 20% darker color. If you saturate the color by 10%, you get **52, 42.565, 315.702**, and if you desaturate by 10%, it is **62, 20.465, 314.823**.

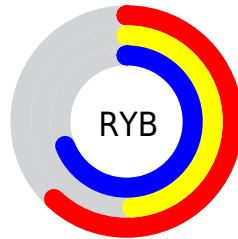
Distribution



Red (62%)

Green (49%)

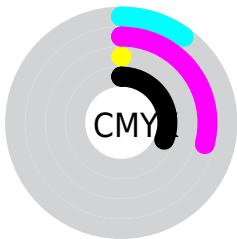
Blue (69%)



Red (62%)

Yellow (49%)

Blue (69%)

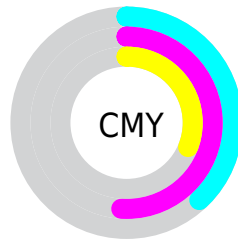


Cyan (10%)

Magenta (29%)

Yellow (0%)

Black (31%)



Cyan (38%)


Magenta (51%)

Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 31.495, 315.266 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, 31.495, 315.266 by changing the saturation by 10% instead.


 57, 31.495,
315.266


 57, 31.495,
315.266


 100, 31.495,
315.266


 47, 31.495,
315.266

 77, 31.495,
315.266

 37, 31.495,
315.266

 87, 31.495,
315.266

 27, 31.495,
315.266

 97, 31.495,
315.266

 17, 31.495,
315.266

 7, 31.495, 315.266

 0, 31.495, 315.266

57, 31.495,
315.266

57, 31.495,
315.266

52, 42.565,
315.702

62, 20.465,
314.823

47, 53.474,
316.104

67, 9.606, 314.386

43, 63.902,
316.433

72, 1.012, 134.143

77, 11.350,
133.631

39, 73.399,
316.635

82, 21.394,
133.278

36, 81.396,
316.641

88, 31.142,
132.963

33, 87.308,
316.375

93, 40.599,
132.679

31, 91.082,
315.835

95, 43.949,
131.109

31, 91.430,

315.784

 96, 43.022,
128.449

Harmonies

Complementary

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



57, 31.495, 315.266



68, 30.680, 132.714

Rectangle

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



57, 31.495, 315.266



57, 31.495, 5.266



57, 31.495, 135.266



57, 31.495, 185.266

Sweetspot

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



57, 31.493, 315.266



85, 11.905, 314.391



59, 19.143, 272.818



44, 8.278, 314.453



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, 31.493, 315.266



69, 47.390, 315.555



59, 31.286, 330.021



34, 5.963, 314.397



26, 81.520, 315.911



1, 12.192, 310.874

Inverse Universe

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



58, 22.609, 355.434



71, 34.088, 356.336



67, 31.226, 146.228



34, 4.238, 353.190



31, 57.711, 15.213



2, 8.499, 356.798

Previews

White Background



This preview shows how the CIELCh color 57, 31.495, 315.266 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, 31.495, 315.266 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, 31.495, 315.266

Background



This preview shows how black text looks on a background with the CIELCh color 57, 31.495, 315.266.



This preview shows how white text looks on a background with the CIELCh color 57, 31.495, 315.266.

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, 31.495, 315.266

Protanopia
57, 27.538, 285.091

Deuteranopia
57, 22.845, 290.217



Tritanopia
57, 10.071, 346.096

Trichromacy



Original Color
57, 31.495, 315.266

Protanomaly
57, 28.118, 296.843

Deuteranomaly
57, 25.470, 300.921

Tritanomaly
57, 17.208, 325.298

Monochromacy



Original Color
57, 31.495, 315.266

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 11.807, 314.025

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 31.495, 315.266 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(158, 125, 176)` looks like.

```
.text, #text, p{  
    color:rgb(158, 125, 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(158, 125, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 125, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 31.495, 315.266 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(158, 125, 176) }
```

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

```
.border{ border-color:rgb(158, 125, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 125, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 125, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 125, 176);  
box-shadow:4px 4px 4px 4px rgb(158, 125,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 31.495, 315.266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 125, 176) }
```

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

```
.background{ background-color: rgb(158,  
125, 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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