

Converting Colors

CIELCh(57, 29.519, 311.403)

Have a look what the booklet for
CIELCh(57, 29.519, 311.403)
contains.

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Color

CIELCh(57, 29.051, 311.755)

Conversions

Conversions Part 1

Format	Color
Hex	997FAF
RGB	153, 127, 175
RGB Percent	60%, 50%, 69%
CMY	0.4013, 0.5032, 0.3150
CMYK	0.13, 0.27, 0.00, 0.32
HSL	272°, 23%, 59%
HSV	272°, 27%, 68%
XYZ	28.3318, 24.9227, 43.7066
YIQ	140.2460, 0.0880, 20.4400

Conversions

Conversions Part 2

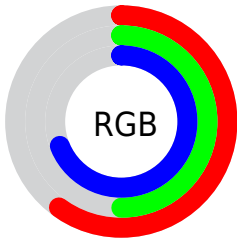
Format	Color
R_{YB}	153, 127, 175
Decimal	10059695
CIE _{Lab}	57.00, 19.35, -21.67
CIE _{LCh}	57, 29.051, 311.755
Yxy	24.9227, 0.2922, 0.2570
Android (android.graphics.Color)	4288249775 (0xFF997FAF)
YUV	140.2460, 17.1337, 11.1853
Hunter-Lab	49.9226, 13.9367, -16.9618

Details

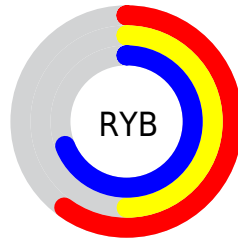
The CIELCh color $57, 29.051, 311.755$ is a dark color, and the websafe version is hex `9999CC`. A complement of this color would be $68, 28.080, 129.278$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 29.182, 311.758$, and $37, 28.571, 311.513$ is the 20% darker color. If you saturate the color by 10%, you get $52, 40.000, 312.253$, and if you desaturate by 10%, it is $62, 18.256, 311.270$.

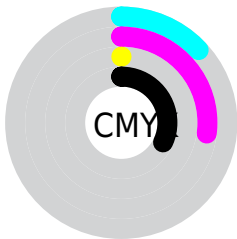
Distribution



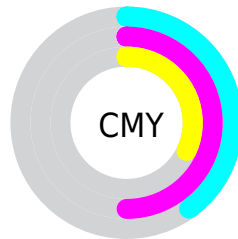
- Red (60%)
- Green (50%)
- Blue (69%)



- Red (60%)
- Yellow (50%)
- Blue (69%)



- Cyan (13%)
- Magenta (27%)
- Yellow (0%)
- Black (32%)





- Cyan (40%)
- Magenta (50%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 29.051, 311.755 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, 29.051, 311.755 by changing the saturation by 10% instead.


 57, 29.051,
311.755


 57, 29.051,
311.755


 100, 29.051,
311.755


 47, 29.051,
311.755


 77, 29.051,
311.755

 37, 29.051,
311.755

 87, 29.051,
311.755

 27, 29.051,
311.755

 97, 29.051,
311.755

 17, 29.051,
311.755

 7, 29.051, 311.755

 0, 29.051, 311.755

57, 29.051,
311.755

57, 29.051,
311.755

52, 40.000,
312.253

62, 18.256,
311.270

47, 50.954,
312.741

67, 7.705, 310.809

42, 61.657,
313.182

73, 2.564, 130.454

38, 71.706,
313.518

78, 12.532,
130.040

34, 80.530,
313.667

83, 22.197,
129.698

31, 87.444,
313.531

88, 31.567,
129.396


29, 92.028,
313.053

94, 40.653,
129.131

28, 93.084,

96, 42.996,
126.733

312.931

 96, 42.020,
122.991

Harmonies

Complementary

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



57, 29.051, 311.755



68, 28.080, 129.278

Rectangle

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



57, 29.051, 311.755



57, 29.051, 1.755



57, 29.051, 131.755



57, 29.051, 181.755

Sweetspot

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



57, 29.049, 311.755



85, 10.221, 310.839



61, 16.094, 263.147



45, 7.336, 310.907



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, 29.049, 311.755



69, 43.446, 312.058



59, 31.570, 326.840



34, 5.820, 310.892



24, 83.299, 313.066



1, 11.918, 307.220

Inverse Universe

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



58, 22.475, 348.546



71, 33.504, 349.259



67, 31.559, 143.478



34, 4.518, 346.700



32, 56.973, 5.166



2, 8.932, 351.034

Previews

White Background



This preview shows how the CIELCh color 57, 29.051, 311.755 looks on a white background.

Color Contrast Check

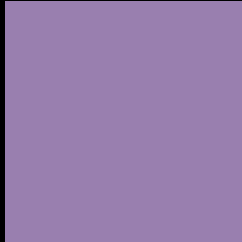
Large Text (above 18pt) WCAG AA ✓ Pass

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, 29.051, 311.755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

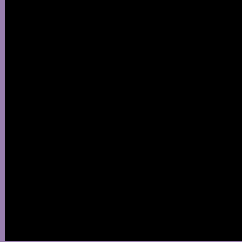
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 29.051, 311.755

Background



This preview shows how black text looks on a background with the CIELCh color 57, 29.051, 311.755.



This preview shows how white text looks on a background with the CIELCh color 57, 29.051, 311.755.

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, 29.051, 311.755

Protanopia
57, 26.384, 285.249

Deuteranopia
57, 22.277, 290.080



Tritanopia
57, 8.209, 336.329

Trichromacy



Original Color
57, 29.051, 311.755

Protanomaly
57, 26.896, 294.702

Deuteranomaly
57, 24.818, 299.452

Tritanomaly
57, 15.539, 319.217

Monochromacy



Original Color
57, 29.051, 311.755

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, 29.051, 311.755 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(153, 127, 175)` looks like.

```
.text, #text, p{  
    color:rgb(153, 127, 175)  
}
```

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(153, 127, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 127, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 29.051, 311.755 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(153, 127, 175) }
```

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

```
.border{ border-color:rgb(153, 127, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 127, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 127, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 127, 175);  
box-shadow:4px 4px 4px 4px rgb(153, 127,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 29.051, 311.755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 127, 175) }
```

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

```
.background{ background-color: rgb(153,  
127, 175) }
```

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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