

Converting Colors

CIELCh(57, 29.420, 310.061)

Have a look what the booklet for
CIELCh(57, 29.420, 310.061)
contains.

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Color

CIELCh(57, 29.383, 310.053)

Conversions

Conversions Part 1	
Format	Color
Hex	977FB0
RGB	151, 127, 176
RGB Percent	59%, 50%, 69%
CMY	0.4075, 0.5017, 0.3095
CMYK	0.14, 0.28, 0.00, 0.31
HSL	269°, 24%, 59%
HSV	269°, 28%, 69%
XYZ	28.2203, 24.9227, 44.4387
YIQ	139.7620, -1.4250, 20.3270

Conversions

Conversions Part 2

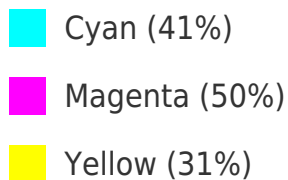
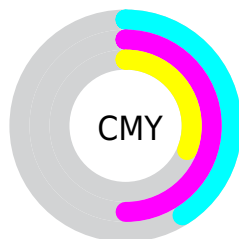
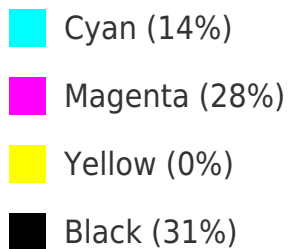
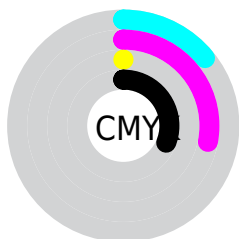
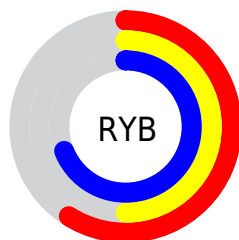
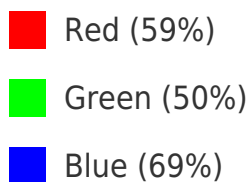
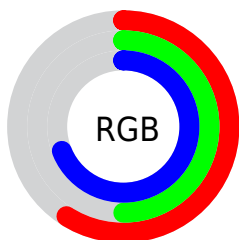
Format	Color
RYB	151, 127, 176
Decimal	9928624
CIELab	57.00, 18.91, -22.49
CIELCh	57, 29.383, 310.053
Yxy	24.9227, 0.2892, 0.2554
Android (android.graphics.Color)	4288118704 (0xFF977FB0)
YUV	139.7620, 17.8653, 9.8557
Hunter-Lab	49.9226, 13.5382, -17.8313

Details

The CIELCh color **57, 29.383, 310.053** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **69, 28.256, 127.431**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 29.477, 310.132**, and **37, 28.968, 309.712** is the 20% darker color. If you saturate the color by 10%, you get **52, 40.379, 310.598**, and if you desaturate by 10%, it is **62, 18.579, 309.532**.


Distribution




Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 29.383, 310.053 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, 29.383, 310.053 by changing the saturation by 10% instead.


 57, 29.383,
310.053


 57, 29.383,
310.053


 100, 29.383,
310.053


 47, 29.383,
310.053


 77, 29.383,
310.053

 37, 29.383,
310.053

 87, 29.383,
310.053

 27, 29.383,
310.053

 97, 29.383,
310.053

 17, 29.383,
310.053

 7, 29.383, 310.053

 0, 29.383, 310.053

57, 29.383,
310.053

57, 29.383,
310.053

52, 40.379,
310.598

62, 18.579,
309.532

47, 51.435,
311.145

68, 8.046, 309.044

73, 2.186, 128.668

42, 62.304,
311.655

78, 12.106,
128.238

37, 72.588,
312.068

84, 21.717,
127.886

33, 81.699,
312.294

89, 31.028,
127.579

30, 88.895,
312.224


94, 40.051,
127.311

28, 93.722,
311.795

96, 41.561,
124.149

27, 94.691,

311.707

 97, 40.635,
119.674

Harmonies

Complementary

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



57, 29.383, 310.053



69, 28.256, 127.431

Rectangle

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



57, 29.383, 310.053



57, 29.383, 0.053



57, 29.383, 130.053



57, 29.383, 180.053

Sweetspot

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



57, 29.381, 310.053



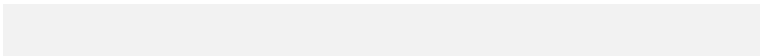
86, 10.202, 309.059



62, 15.616, 257.763



45, 7.258, 309.130



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, 29.381, 310.053



69, 43.504, 310.364



59, 32.771, 325.457



35, 5.897, 309.116



23, 85.274, 311.833



1, 13.818, 304.901

Inverse Universe

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



59, 23.646, 345.591



72, 34.830, 346.216



67, 32.741, 142.166



35, 4.789, 343.820



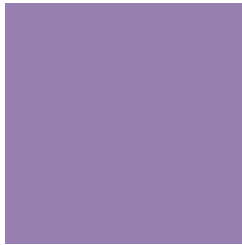
33, 58.065, 0.367



2, 10.668, 349.293

Previews

White Background



This preview shows how the CIELCh color 57, 29.383, 310.053 looks on a white background.

Color Contrast Check

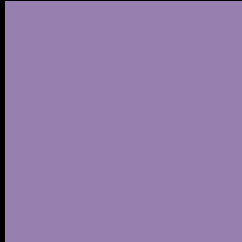
Large Text (above 18pt) WCAG AA ✓ Pass

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, 29.383, 310.053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

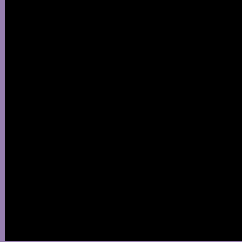
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 29.383, 310.053

Background



This preview shows how black text looks on a background with the CIELCh color 57, 29.383, 310.053.



This preview shows how white text looks on a background with the CIELCh color 57, 29.383, 310.053.

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, 29.383, 310.053

Protanopia

57, 26.944, 285.503

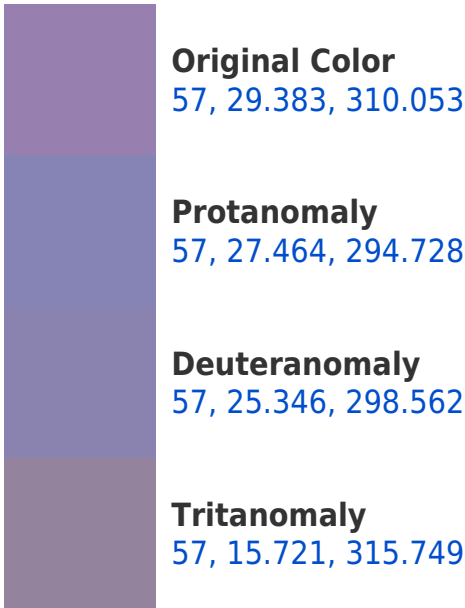
Deuteranopia

57, 23.423, 289.522



Tritanopia
57, 8.097, 329.457

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 29.383, 310.053 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(151, 127, 176)` looks like.

```
.text, #text, p{  
    color:rgb(151, 127, 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(151, 127, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 127, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 29.383, 310.053 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(151, 127, 176) }
```

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

```
.border{ border-color:rgb(151, 127, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 127, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 127, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 127, 176);  
box-shadow:4px 4px 4px 4px rgb(151, 127,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 29.383, 310.053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 127, 176) }
```

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

```
.background{ background-color: rgb(151,  
127, 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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