

Converting Colors

CIELCh(57, 26.069, 314.106)

Have a look what the booklet for
CIELCh(57, 26.069, 314.106)
contains.

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Color

CIELCh(57, 26.416, 313.722)

Conversions

Conversions Part 1

Format	Color
Hex	997FAA
RGB	153, 127, 170
RGB Percent	60%, 50%, 67%
CMY	0.3993, 0.5013, 0.3326
CMYK	0.10, 0.25, 0.00, 0.33
HSL	276°, 20%, 58%
HSV	276°, 25%, 67%
XYZ	28.0556, 24.9227, 41.4526
YIQ	139.6760, 1.6930, 18.8850

Conversions

Conversions Part 2

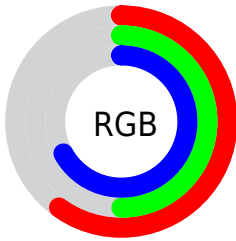
Format	Color
R_{YB}	153, 127, 170
Decimal	10059690
CIE _{Lab}	57.00, 18.26, -19.09
CIE _{LCh}	57, 26.416, 313.722
Yxy	24.9227, 0.2971, 0.2639
Android (android.graphics.Color)	4288249770 (0xFF997FAA)
YUV	139.6760, 14.9497, 11.6851
Hunter-Lab	49.9226, 12.9493, -14.2848

Details

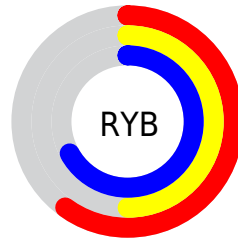
The CIELCh color $57, 26.416, 313.722$ is a dark color, and the websafe version is hex `9999CC`. A complement of this color would be $67, 25.737, 131.524$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 26.204, 314.074$, and $37, 26.294, 313.105$ is the 20% darker color. If you saturate the color by 10%, you get $52, 37.166, 314.179$, and if you desaturate by 10%, it is $62, 15.792, 313.270$.

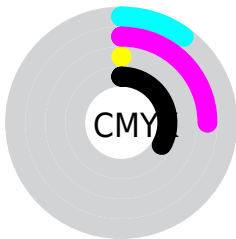
Distribution



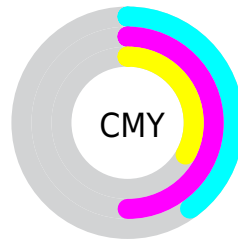
- Red (60%)
- Green (50%)
- Blue (67%)



- Red (60%)
- Yellow (50%)
- Blue (67%)



- Cyan (10%)
- Magenta (25%)
- Yellow (0%)
- Black (33%)




- Cyan (40%)
- Magenta (50%)
- Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 26.416, 313.722 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, 26.416, 313.722 by changing the saturation by 10% instead.


 57, 26.416,
313.722


 57, 26.416,
313.722


 100, 26.416,
313.722


 47, 26.416,
313.722


 77, 26.416,
313.722


 37, 26.416,
313.722

 87, 26.416,
313.722

 27, 26.416,
313.722

 97, 26.416,
313.722

 17, 26.416,
313.722

 7, 26.416, 313.722

 0, 26.416, 313.722

57, 26.416,
313.722

57, 26.416,
313.722

52, 37.166,
314.179

62, 15.792,
313.270

47, 47.895,
314.621

67, 5.387, 312.828

43, 58.355,
315.013

72, 4.753, 132.485

39, 68.169,
315.306

77, 14.608,
132.102

35, 76.824,
315.431

82, 24.173,
131.770

32, 83.706,
315.305

87, 33.452,
131.474


30, 88.302,
314.853

92, 42.454,
131.211

29, 90.086,

95, 46.442,
129.792

314.603

 95, 45.476,
127.015

Harmonies

Complementary

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



57, 26.416, 313.722



67, 25.737, 131.524

Rectangle

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



57, 26.416, 313.722



57, 26.416, 3.722



57, 26.416, 133.722



57, 26.416, 183.722

Sweetspot

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



57, 26.414, 313.722



83, 10.179, 312.956



59, 15.598, 269.208



44, 7.305, 313.021



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



57, 26.414, 313.722



70, 39.088, 313.963



59, 27.183, 328.714



33, 5.759, 313.006



25, 81.182, 314.727



1, 10.211, 310.002

Inverse Universe

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



58, 19.511, 352.185



71, 28.877, 352.826



66, 27.144, 145.552



33, 4.237, 350.478



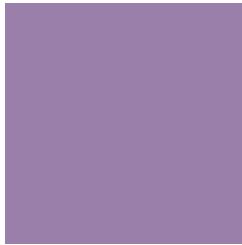
31, 56.447, 11.108



2, 7.372, 353.228

Previews

White Background



This preview shows how the CIELCh color 57, 26.416, 313.722 looks on a white background.

Color Contrast Check

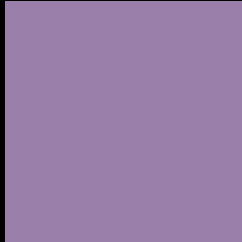
Large Text (above 18pt) WCAG AA ✓ Pass

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, 26.416, 313.722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

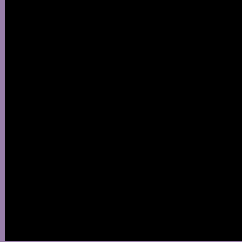
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 26.416, 313.722

Background



This preview shows how black text looks on a background with the CIELCh color 57, 26.416, 313.722.



This preview shows how white text looks on a background with the CIELCh color 57, 26.416, 313.722.

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, 26.416, 313.722

Protanopia

57, 23.511, 285.425

Deuteranopia

57, 19.996, 292.486



Tritanopia
57, 9.173, 337.282

Trichromacy



Original Color
57, 26.416, 313.722

Protanomaly
57, 24.093, 296.242

Deuteranomaly
57, 21.456, 301.197

Tritanomaly
57, 15.438, 322.791

Monochromacy



Original Color
57, 26.416, 313.722

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 9.931, 313.730

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 26.416, 313.722 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, 170)` looks like.

```
.text, #text, p{  
    color:rgb(153, 127, 170)  
}
```

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, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 127, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 26.416, 313.722 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, 170) }
```

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

```
.border{ border-color:rgb(153, 127, 170) }
```

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, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 127, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 127, 170);  
box-shadow:4px 4px 4px 4px rgb(153, 127,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 26.416, 313.722 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, 170) }
```

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

```
.background{ background-color: rgb(153,  
127, 170) }
```

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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