

Converting Colors

CIELCh(57, 49.353, 311.137)

Have a look what the booklet for
CIELCh(57, 49.353, 311.137)
contains.

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Color

CIELCh(57, 49.227, 310.933)

Conversions

Conversions Part 1

Format	Color
Hex	A077CA
RGB	160, 119, 202
RGB Percent	63%, 47%, 79%
CMY	0.3726, 0.5334, 0.2079
CMYK	0.21, 0.41, 0.00, 0.21
HSL	270°, 44%, 63%
HSV	270°, 41%, 79%
XYZ	31.7446, 24.9227, 58.9994
YIQ	140.7210, -2.2070, 34.5050

Conversions

Conversions Part 2

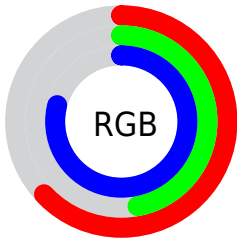
Format	Color
RYB	160, 119, 202
Decimal	10516426
CIELab	57.00, 32.25, -37.19
CIELCh	57, 49.227, 310.933
Yxy	24.9227, 0.2744, 0.2155
Android (android.graphics.Color)	4288706506 (0xFFA077CA)
YUV	140.7210, 30.2105, 16.9077
Hunter-Lab	49.9226, 26.1392, -35.1241

Details

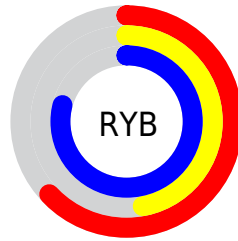
The CIELCh color $57, 49.227, 310.933$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $77, 46.353, 126.934$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 47.005, 311.671$, and $37, 48.656, 311.063$ is the 20% darker color. If you saturate the color by 10%, you get $51, 61.544, 311.472$, and if you desaturate by 10%, it is $63, 36.882, 310.383$.

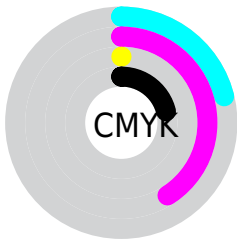
Distribution



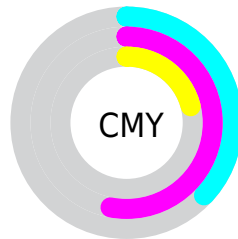
- Red (63%)
- Green (47%)
- Blue (79%)



- Red (63%)
- Yellow (47%)
- Blue (79%)



- Cyan (21%)
- Magenta (41%)
- Yellow (0%)
- Black (21%)



- Cyan (37%)
- Magenta (53%)
- Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 49.227, 310.933 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, 49.227, 310.933 by changing the saturation by 10% instead.

 57, 49.227,
310.933

 57, 49.227,
310.933


 100, 49.227,
310.933

 47, 49.227,
310.933

 77, 49.227,
310.933

 37, 49.227,
310.933

 87, 49.227,
310.933

 27, 49.227,
310.933

 97, 49.227,
310.933

 17, 49.227,
310.933

 7, 49.227, 310.933

 0, 49.227, 310.933

57, 49.227,
310.933

57, 49.227,
310.933

51, 61.544,
311.472

63, 36.882,
310.383

46, 73.498,
311.951

69, 24.710,
309.851

41, 84.555,
312.299

75, 12.816,
309.350

37, 93.962,
312.414

81, 1.251, 308.812

34, 100.871,
312.180

87, 9.964, 128.509

32, 104.891,
311.693

93, 20.829,
128.139

97, 28.249,
126.043

98, 27.257,
118.595

 99, 26.780,
110.589

Harmonies

Complementary

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



57, 49.227, 310.933



77, 46.353, 126.934

Rectangle

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



57, 49.227, 310.933



57, 49.227, 0.933



57, 49.227, 130.933



57, 49.227, 180.933

Sweetspot

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



57, 49.225, 310.933



91, 16.779, 309.402



65, 25.455, 260.657



48, 11.150, 309.467



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



57, 49.225, 310.933



65, 71.287, 311.397



61, 53.566, 326.131



40, 6.592, 309.269



25, 90.426, 311.853



3, 24.514, 306.419

Inverse Universe

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



60, 38.925, 347.403



70, 55.594, 348.581



75, 53.620, 140.949



40, 5.333, 344.061



35, 61.494, 1.054



4, 19.980, 353.154

Previews

White Background



This preview shows how the CIELCh color 57, 49.227, 310.933 looks on a white background.

Color Contrast Check

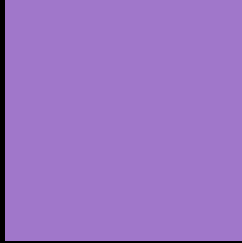
Large Text (above 18pt) WCAG AA ✓ Pass

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, 49.227, 310.933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

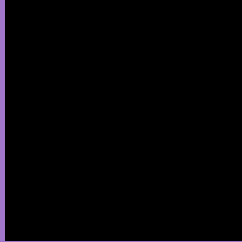
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 49.227, 310.933

Background



This preview shows how black text looks on a background with the CIELCh color 57, 49.227, 310.933.



This preview shows how white text looks on a background with the CIELCh color 57, 49.227, 310.933.

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, 49.227, 310.933

Protanopia
57, 46.377, 285.978

Deuteranopia
57, 36.294, 282.733



Tritanopia
57, 9.105, 341.675

Trichromacy



Original Color
57, 49.227, 310.933

Protanomaly
57, 46.202, 294.208

Deuteranomaly
57, 39.969, 294.219

Tritanomaly
57, 23.462, 317.612

Monochromacy



Original Color
57, 49.227, 310.933

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 18.055, 309.903

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 49.227, 310.933 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(160, 119, 202)` looks like.

```
.text, #text, p{  
    color:rgb(160, 119, 202)  
}
```

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(160, 119, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 119, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 49.227, 310.933 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(160, 119, 202) }
```

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

```
.border{ border-color:rgb(160, 119, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 119, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 119, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 119, 202);  
box-shadow:4px 4px 4px 4px rgb(160, 119,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 49.227, 310.933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 119, 202) }
```

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

```
.background{ background-color: rgb(160,  
119, 202) }
```

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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