

Converting Colors

CIELCh(57, 61.810, 319.125)

Have a look what the booklet for
CIELCh(57, 61.810, 319.125)
contains.

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Color

CIELCh(57, 61.531, 319.090)

Conversions

Conversions Part 1

Format	Color
Hex	B66BD0
RGB	182, 107, 208
RGB Percent	71%, 42%, 82%
CMY	0.2873, 0.5813, 0.1853
CMYK	0.13, 0.49, 0.00, 0.19
HSL	285°, 52%, 62%
HSV	285°, 49%, 81%
XYZ	35.8191, 24.9227, 62.4347
YIQ	140.9390, 12.2790, 47.3110

Conversions

Conversions Part 2

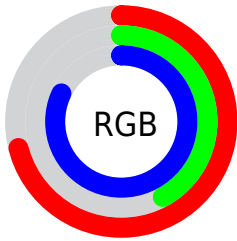
Format	Color
RYB	182, 107, 208
Decimal	11955152
CIELab	57.00, 46.50, -40.29
CIELCh	57, 61.531, 319.090
Yxy	24.9227, 0.2908, 0.2023
Android (android.graphics.Color)	4290145232 (0xFFB66BD0)
YUV	140.9390, 33.0611, 36.0105
Hunter-Lab	49.9226, 40.7079, -39.2041

Details

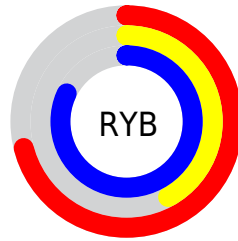
The CIELCh color **57, 61.531, 319.090** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **77, 59.826, 134.467**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 57.070, 321.754**, and **37, 61.270, 319.130** is the 20% darker color. If you saturate the color by 10%, you get **52, 73.219, 319.384**, and if you desaturate by 10%, it is **62, 49.088, 318.714**.

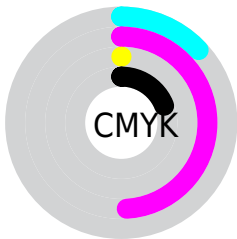
Distribution



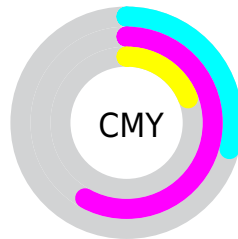
- Red (71%)
- Green (42%)
- Blue (82%)



- Red (71%)
- Yellow (42%)
- Blue (82%)



- Cyan (13%)
- Magenta (49%)
- Yellow (0%)
- Black (19%)





- Cyan (29%)
- Magenta (58%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 61.531, 319.090 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, 61.531, 319.090 by changing the saturation by 10% instead.


 57, 61.531,
319.090


 57, 61.531,
319.090


 100, 61.531,
319.090


 47, 61.531,
319.090


 77, 61.531,
319.090

 37, 61.531,
319.090

 87, 61.531,
319.090

 27, 61.531,
319.090

 97, 61.531,
319.090

 17, 61.531,
319.090

 7, 61.531, 319.090

 0, 61.531, 319.090

■ 57, 61.531,
319.090

■ 57, 61.531,
319.090

■ 52, 73.219,
319.384

■ 62, 49.088,
318.714

■ 48, 83.612,
319.549

■ 67, 36.305,
318.294

■ 45, 92.082,
319.529

■ 73, 23.467,
317.854

■ 42, 98.061,
319.268

■ 78, 10.757,
317.409

■ 41, 101.462,
318.751

■ 84, 1.712, 137.123

■ 40, 101.866,
318.674

■ 90, 13.876,
136.624

■ 96, 25.705,
136.246

■ 97, 26.507,
133.134

■ 97, 25.716,
129.327

Harmonies

Complementary

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



57, 61.531, 319.090



77, 59.826, 134.467

Rectangle

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



57, 61.531, 319.090



57, 61.531, 9.090



57, 61.531, 139.090



57, 61.531, 189.090

Sweetspot

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



57, 61.529, 319.090



90, 22.278, 317.702



57, 42.578, 284.514



47, 15.227, 317.797



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, 61.529, 319.090



64, 85.559, 319.386



59, 54.919, 335.114



41, 7.135, 317.446



32, 87.036, 318.800



4, 28.760, 317.757

Inverse Universe

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



58, 42.737, 5.544



65, 60.097, 7.911



76, 54.849, 147.347



41, 4.716, 359.806



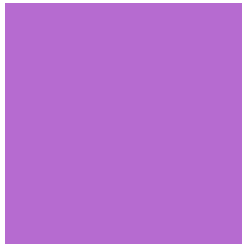
35, 65.506, 24.407



4, 20.355, 7.603

Previews

White Background



This preview shows how the CIELCh color 57, 61.531, 319.090 looks on a white background.

Color Contrast Check

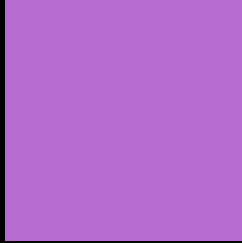
Large Text (above 18pt) WCAG AA ✓ Pass

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, 61.531, 319.090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

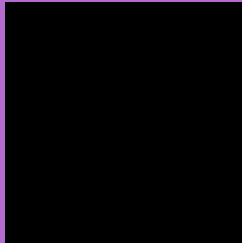
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 61.531, 319.090

Background



This preview shows how black text looks on a background with the CIELCh color 57, 61.531, 319.090.

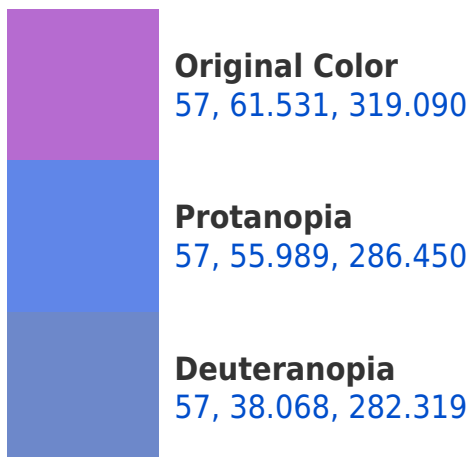


This preview shows how white text looks on a background with the CIELCh color 57, 61.531, 319.090.

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





Tritanopia
57, 19.865, 5.222

Trichromacy



Original Color
57, 61.531, 319.090



Protanomaly
56, 56.541, 297.222



Deuteranomaly
56, 45.390, 299.123



Tritanomaly
57, 32.360, 334.363

Monochromacy



Original Color
57, 61.531, 319.090



Achromatopsia
59, 0.008, 296.813



Achromatomaly
58, 22.902, 318.214

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 61.531, 319.090 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(182, 107, 208)` looks like.

```
.text, #text, p{  
    color:rgb(182, 107, 208)  
}
```

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(182, 107, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 107, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 61.531, 319.090 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(182, 107, 208) }
```

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

```
.border{ border-color:rgb(182, 107, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 107, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 107, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 107, 208);  
box-shadow:4px 4px 4px 4px rgb(182, 107,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 61.531, 319.090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 107, 208) }
```

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

```
.background{ background-color: rgb(182,  
107, 208) }
```

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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