

Converting Colors

CIELCh(57, 52.122, 323.196)

Have a look what the booklet for
CIELCh(57, 52.122, 323.196)
contains.

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Color

CIELCh(57, 52.169, 323.045)

Conversions

Conversions Part 1

Format	Color
Hex	B66EC0
RGB	182, 110, 192
RGB Percent	71%, 43%, 75%
CMY	0.2861, 0.5684, 0.2468
CMYK	0.05, 0.43, 0.00, 0.25
HSL	293°, 39%, 59%
HSV	293°, 43%, 75%
XYZ	34.4062, 24.9227, 52.8979
YIQ	140.8760, 16.5900, 40.7660

Conversions

Conversions Part 2

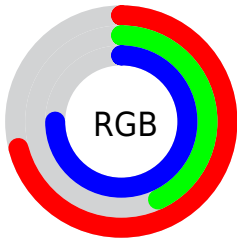
Format	Color
R_{YB}	182, 110, 192
Decimal	11955904
CIE _{Lab}	57.00, 41.69, -31.36
CIE _{LCh}	57, 52.169, 323.045
Yxy	24.9227, 0.3066, 0.2221
Android (android.graphics.Color)	4290145984 (0xFFB66EC0)
YUV	140.8760, 25.2041, 36.0657
Hunter-Lab	49.9226, 35.6558, -27.8777

Details

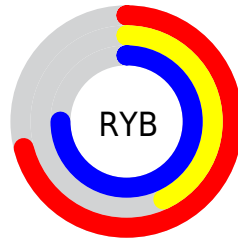
The CIELCh color $57, 52.169, 323.045$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $71, 51.718, 138.398$, and the grayscale version is $59, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 52.437, 322.893$, and $37, 52.203, 322.976$ is the 20% darker color. If you saturate the color by 10%, you get $53, 63.476, 323.415$, and if you desaturate by 10%, it is $61, 40.180, 322.617$.

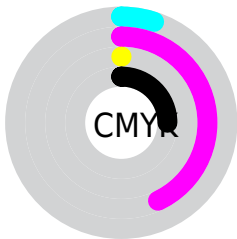
Distribution



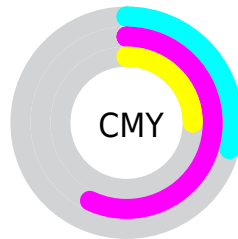
- Red (71%)
- Green (43%)
- Blue (75%)



- Red (71%)
- Yellow (43%)
- Blue (75%)



- Cyan (5%)
- Magenta (43%)
- Yellow (0%)
- Black (25%)





- Cyan (29%)
- Magenta (57%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 52.169, 323.045 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, 52.169, 323.045 by changing the saturation by 10% instead.


 57, 52.169,
323.045


 57, 52.169,
323.045


 100, 52.169,
323.045


 47, 52.169,
323.045


 77, 52.169,
323.045

 37, 52.169,
323.045

 87, 52.169,
323.045

 27, 52.169,
323.045

 97, 52.169,
323.045

 17, 52.169,
323.045

 7, 52.169, 323.045

 0, 52.169, 323.045

57, 52.169,
323.045

57, 52.169,
323.045

53, 63.476,
323.415

61, 40.180,
322.617

49, 73.648,
323.698

66, 27.876,
322.155

46, 82.163,
323.862

71, 15.516,
321.676

44, 88.542,
323.877

76, 3.274, 321.151

82, 8.739, 140.785


42, 92.501,
323.719

87, 20.457,
140.329

42, 94.216,
323.520

92, 31.848,
139.908

95, 37.732,
139.237

 95, 37.290,
138.215

Harmonies

Complementary

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



57, 52.169, 323.045



71, 51.718, 138.398

Rectangle

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



57, 52.169, 323.045



57, 52.169, 13.045



57, 52.169, 143.045



57, 52.169, 193.045

Sweetspot

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



57, 52.167, 323.045



90, 19.680, 321.701



53, 41.148, 290.485



47, 13.788, 321.809



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



57, 52.167, 323.045



68, 76.202, 323.386



57, 41.873, 340.659



38, 6.963, 321.514



34, 82.529, 323.580



3, 22.755, 320.956

Inverse Universe

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



56, 34.707, 14.586



67, 52.172, 16.492



72, 41.041, 153.173



38, 4.234, 10.108



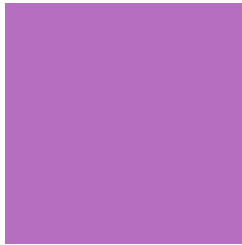
33, 68.845, 34.117



3, 14.116, 12.774

Previews

White Background



This preview shows how the CIELCh color 57, 52.169, 323.045 looks on a white background.

Color Contrast Check

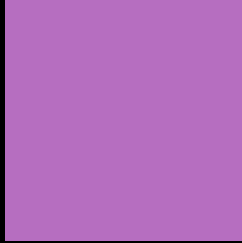
Large Text (above 18pt) WCAG AA ✓ Pass

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, 52.169, 323.045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

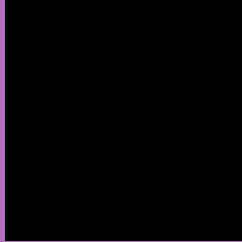
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 52.169, 323.045

Background



This preview shows how black text looks on a background with the CIELCh color 57, 52.169, 323.045.

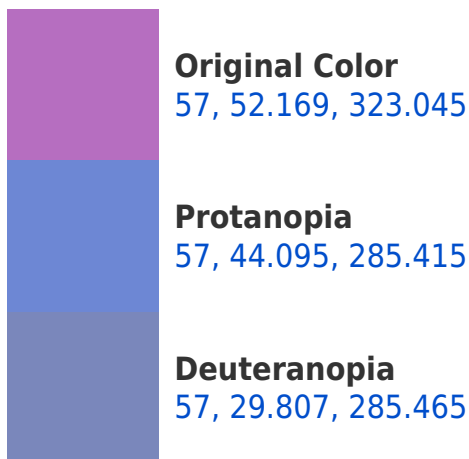


This preview shows how white text looks on a background with the CIELCh color 57, 52.169, 323.045.

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, 21.488, 6.733

Trichromacy



Original Color
57, 52.169, 323.045

Protanomaly
57, 45.332, 299.099

Deuteranomaly
57, 36.667, 303.624

Tritanomaly
57, 30.324, 340.871

Monochromacy



Original Color
57, 52.169, 323.045

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 19.750, 321.620

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 52.169, 323.045 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, 110, 192)` looks like.

```
.text, #text, p{  
    color:rgb(182, 110, 192)  
}
```

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, 110, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 110, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 52.169, 323.045 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, 110, 192) }
```

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

```
.border{ border-color:rgb(182, 110, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 110, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 110, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 110, 192);  
box-shadow:4px 4px 4px 4px rgb(182, 110,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 52.169, 323.045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 110, 192) }
```

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

```
.background{ background-color: rgb(182,  
110, 192) }
```

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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