

Converting Colors

CIELCh(57, 53.577, 322.283)

Have a look what the booklet for
CIELCh(57, 53.577, 322.283)
contains.

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Color

CIELCh(57, 53.555, 322.136)

Conversions

Conversions Part 1

Format	Color
Hex	B66EC3
RGB	182, 110, 195
RGB Percent	71%, 43%, 76%
CMY	0.2875, 0.5697, 0.2365
CMYK	0.07, 0.44, 0.00, 0.24
HSL	291°, 41%, 60%
HSV	291°, 44%, 76%
XYZ	34.5777, 24.9227, 54.4348
YIQ	141.2180, 15.6270, 41.6990

Conversions

Conversions Part 2

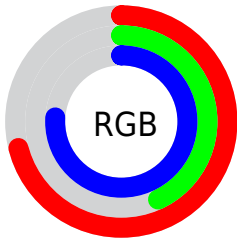
Format	Color
RYB	182, 110, 195
Decimal	11955907
CIELab	57.00, 42.28, -32.87
CIELCh	57, 53.555, 322.136
Yxy	24.9227, 0.3035, 0.2187
Android (android.graphics.Color)	4290145987 (0xFFB66EC3)
YUV	141.2180, 26.5145, 35.7658
Hunter-Lab	49.9226, 36.2693, -29.7030

Details

The CIELCh color $57, 53.555, 322.136$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $72, 52.903, 137.554$, and the grayscale version is $59, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 53.765, 322.030$, and $37, 53.655, 322.026$ is the 20% darker color. If you saturate the color by 10%, you get $53, 64.932, 322.487$, and if you desaturate by 10%, it is $62, 41.500, 321.723$.

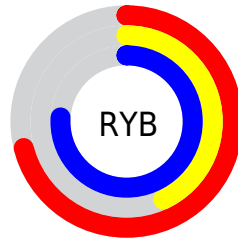
Distribution



Red (71%)

Green (43%)

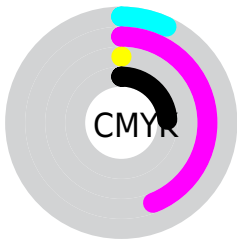
Blue (76%)



Red (71%)

Yellow (43%)

Blue (76%)

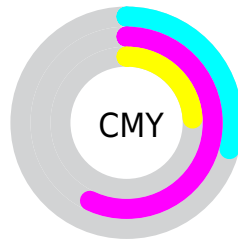


Cyan (7%)

Magenta (44%)

Yellow (0%)

Black (24%)



Cyan (29%)


Magenta (57%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 53.555, 322.136 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, 53.555, 322.136 by changing the saturation by 10% instead.


 57, 53.555,
322.136


 57, 53.555,
322.136


 100, 53.555,
322.136


 47, 53.555,
322.136


 77, 53.555,
322.136

 37, 53.555,
322.136

 87, 53.555,
322.136

 27, 53.555,
322.136

 97, 53.555,
322.136

 17, 53.555,
322.136

 7, 53.555, 322.136

 0, 53.555, 322.136

57, 53.555,
322.136

57, 53.555,
322.136

53, 64.932,
322.487

62, 41.500,
321.723

49, 75.166,
322.743

66, 29.138,
321.275

46, 83.719,
322.869

72, 16.725,
320.809

43, 90.091,
322.826

77, 4.437, 320.314

42, 93.985,
322.590

82, 7.620, 139.945

41, 95.525,
322.366

87, 19.381,
139.501

93, 30.815,
139.095

95, 35.686,
138.179

■ 96, 35.141,
136.763

Harmonies

Complementary

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



57, 53.555, 322.136



72, 52.903, 137.554

Rectangle

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



57, 53.555, 322.136



57, 53.555, 12.136



57, 53.555, 142.136



57, 53.555, 192.136

Sweetspot

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



57, 53.553, 322.136



91, 19.668, 320.788



54, 40.911, 289.047



47, 13.896, 320.894



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, 53.553, 322.136



68, 77.836, 322.461



57, 44.170, 339.134



38, 6.900, 320.606



34, 82.821, 322.445



3, 22.432, 319.561

Inverse Universe

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



56, 35.914, 12.409



67, 53.506, 14.379



72, 43.517, 151.686



38, 4.266, 7.666



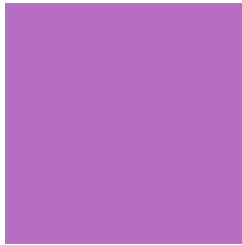
33, 67.465, 32.166



3, 14.175, 11.109

Previews

White Background



This preview shows how the CIELCh color 57, 53.555, 322.136 looks on a white background.

Color Contrast Check

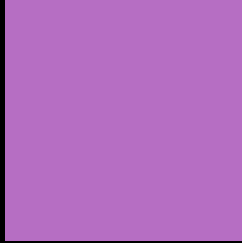
Large Text (above 18pt) WCAG AA ✓ Pass

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, 53.555, 322.136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

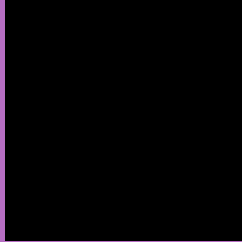
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 53.555, 322.136

Background



This preview shows how black text looks on a background with the CIELCh color 57, 53.555, 322.136.

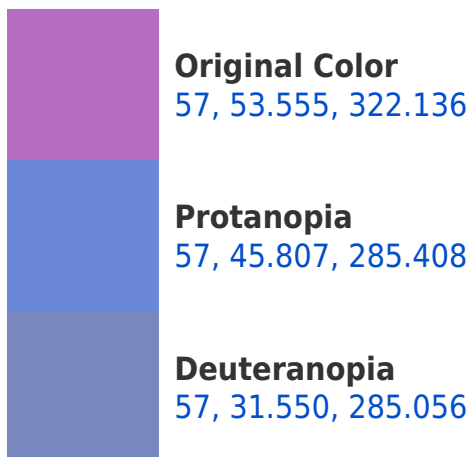


This preview shows how white text looks on a background with the CIELCh color 57, 53.555, 322.136.

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, 20.571, 7.531

Trichromacy



Original Color
57, 53.555, 322.136



Protanomaly
57, 46.978, 298.340



Deuteranomaly
57, 38.245, 302.299



Tritanomaly
57, 29.749, 339.738

Monochromacy



Original Color
57, 53.555, 322.136



Achromatopsia
59, 0.008, 296.813



Achromatomaly
58, 20.236, 320.811

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 53.555, 322.136 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, 195)` looks like.

```
.text, #text, p{  
    color:rgb(182, 110, 195)  
}
```

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, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 110, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 53.555, 322.136 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, 195) }
```

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

```
.border{ border-color:rgb(182, 110, 195) }
```

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, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 110, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 110, 195);  
box-shadow:4px 4px 4px 4px rgb(182, 110,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 53.555, 322.136 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, 195) }
```

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

```
.background{ background-color: rgb(182,  
110, 195) }
```

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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