

Converting Colors

CIELCh(57, 54.478, 332.196)

Have a look what the booklet for
CIELCh(57, 54.478, 332.196)
contains.

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Color

CIELCh(57, 54.373, 332.135)

Conversions

Conversions Part 1

Format	Color
Hex	C567B6
RGB	197, 103, 182
RGB Percent	77%, 40%, 71%
CMY	0.2277, 0.5963, 0.2865
CMYK	0.00, 0.48, 0.08, 0.23
HSL	310°, 45%, 59%
HSV	310°, 48%, 77%
XYZ	36.2874, 24.9227, 47.1168
YIQ	140.1120, 30.6650, 44.4970

Conversions

Conversions Part 2

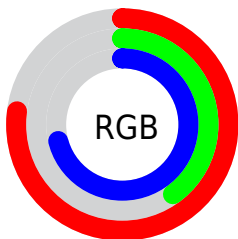
Format	Color
R_{YB}	197, 103, 182
Decimal	12937142
CIE _{Lab}	57.00, 48.07, -25.41
CIE _{LCh}	57, 54.373, 332.135
Yxy	24.9227, 0.3350, 0.2301
Android (android.graphics.Color)	4291127222 (0xFFC567B6)
YUV	140.1120, 20.6508, 49.8908
Hunter-Lab	49.9226, 42.3824, -21.0118

Details

The CIELCh color $57, 54.373, 332.135$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $72, 54.524, 145.071$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 54.194, 332.074$, and $37, 54.571, 332.046$ is the 20% darker color. If you saturate the color by 10%, you get $53, 64.095, 332.789$, and if you desaturate by 10%, it is $61, 43.602, 331.487$.

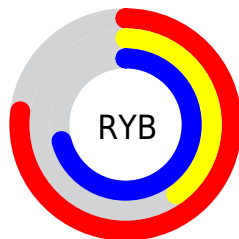
Distribution



Red (77%)

Green (40%)

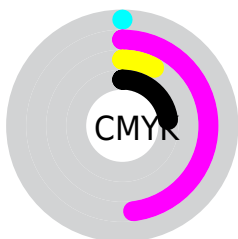
Blue (71%)



Red (77%)

Yellow (40%)

Blue (71%)

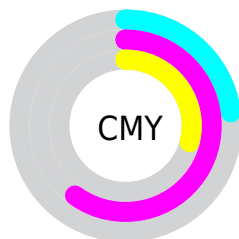


Cyan (0%)

Magenta (48%)

Yellow (8%)

Black (23%)



Cyan (23%)


Magenta (60%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 54.373, 332.135 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, 54.373, 332.135 by changing the saturation by 10% instead.


 57, 54.373,
332.135


 57, 54.373,
332.135


 100, 54.373,
332.135


 47, 54.373,
332.135


 77, 54.373,
332.135

 37, 54.373,
332.135

 87, 54.373,
332.135

 27, 54.373,
332.135

 97, 54.373,
332.135

 17, 54.373,
332.135

 7, 54.373, 332.135

 0, 54.373, 332.135

57, 54.373,
332.135

57, 54.373,
332.135

53, 64.095,
332.789

61, 43.602,
331.487

50, 72.275,
333.453

66, 32.228,
330.847

48, 78.428,
334.137

71, 20.589,
330.214

46, 82.225,
334.861

76, 8.928, 329.584

45, 83.730,
335.650

81, 2.590, 149.139

45, 83.946,
335.833

86, 13.866,
148.477

91, 24.843,
147.924

95, 32.209,
148.033

■ 95, 30.954,
149.874

Harmonies

Complementary

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



57, 54.373, 332.135



72, 54.524, 145.071

Rectangle

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



57, 54.373, 332.135



57, 54.373, 22.135



57, 54.373, 152.135



57, 54.373, 202.135

Sweetspot

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



57, 54.370, 332.135



91, 20.025, 329.994



49, 55.306, 301.020



47, 13.838, 330.131



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, 54.370, 332.135



68, 78.021, 332.799



55, 41.104, 358.575



39, 6.612, 329.690



37, 73.146, 335.711



4, 23.269, 333.101

Inverse Universe

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



57, 54.370, 332.135



68, 78.021, 332.799



73, 36.630, 167.464



39, 6.612, 329.690



37, 73.146, 335.711



4, 23.269, 333.101

Previews

White Background



This preview shows how the CIELCh color 57, 54.373, 332.135 looks on a white background.

Color Contrast Check

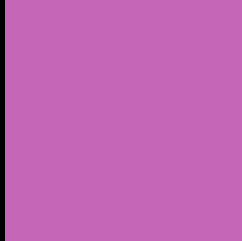
Large Text (above 18pt) WCAG AA ✓ Pass

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, 54.373, 332.135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

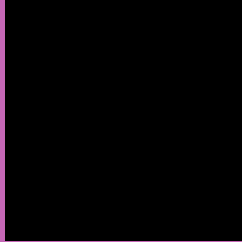
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 54.373, 332.135

Background



This preview shows how black text looks on a background with the CIELCh color 57, 54.373, 332.135.

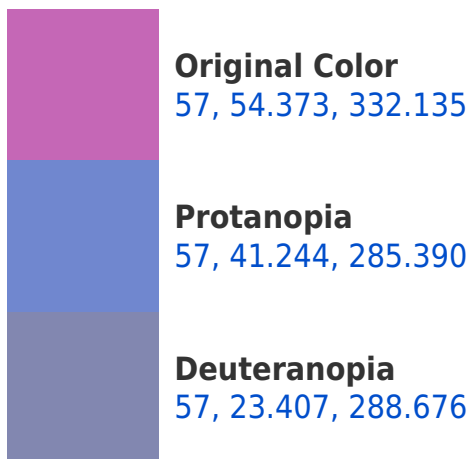


This preview shows how white text looks on a background with the CIELCh color 57, 54.373, 332.135.

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, 31.137, 14.963

Trichromacy



Original Color
57, 54.373, 332.135



Protanomaly
56, 43.549, 303.422



Deuteranomaly
56, 33.428, 312.649



Tritanomaly
57, 36.991, 353.271

Monochromacy



Original Color
57, 54.373, 332.135



Achromatopsia
58, 0.007, 296.813



Achromatomaly
57, 20.587, 330.992

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 54.373, 332.135 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(197, 103, 182)` looks like.

```
.text, #text, p{  
    color:rgb(197, 103, 182)  
}
```

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(197, 103, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 103, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 54.373, 332.135 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(197, 103, 182) }
```

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

```
.border{ border-color:rgb(197, 103, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 103, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 103, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 103, 182);  
box-shadow:4px 4px 4px 4px rgb(197, 103,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 54.373, 332.135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 103, 182) }
```

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

```
.background{ background-color: rgb(197,  
103, 182) }
```

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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