

Converting Colors

CIELCh(57, 53.933, 336.165)

Have a look what the booklet for
CIELCh(57, 53.933, 336.165)
contains.

CIELCh(57, 54.004, 335.906)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(57, 54.004, 335.906)

Conversions

Conversions Part 1

Format	Color
Hex	C965B0
RGB	201, 101, 176
RGB Percent	79%, 40%, 69%
CMY	0.2111, 0.6033, 0.3091
CMYK	0.00, 0.50, 0.12, 0.21
HSL	315°, 48%, 59%
HSV	315°, 50%, 79%
XYZ	36.6580, 24.9227, 44.0401
YIQ	139.4500, 35.5250, 44.5250

Conversions

Conversions Part 2

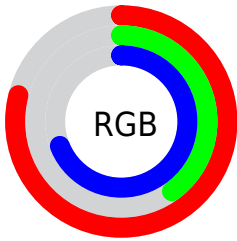
Format	Color
R _Y B	201, 101, 176
Decimal	13198768
CIE Lab	57.00, 49.30, -22.05
CIE LCh	57, 54.004, 335.906
Yxy	24.9227, 0.3471, 0.2360
Android (android.graphics.Color)	4291388848 (0xFFC965B0)
YUV	139.4500, 18.0192, 53.9794
Hunter-Lab	49.9226, 43.7073, -17.3579

Details

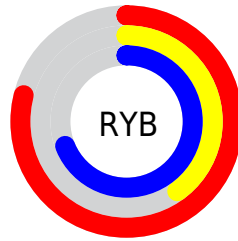
The CIELCh color **57, 54.004, 335.906** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **74, 53.884, 147.800**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 53.169, 334.295**, and **37, 53.766, 336.191** is the 20% darker color. If you saturate the color by 10%, you get **53, 63.084, 336.764**, and if you desaturate by 10%, it is **61, 43.819, 335.108**.

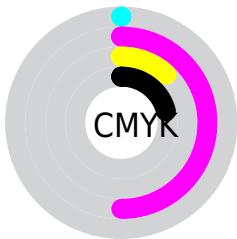
Distribution



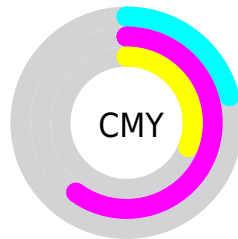
- Red (79%)
- Green (40%)
- Blue (69%)



- Red (79%)
- Yellow (40%)
- Blue (69%)



- Cyan (0%)
- Magenta (50%)
- Yellow (12%)
- Black (21%)




- Cyan (21%)
- Magenta (60%)
- Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 54.004, 335.906 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, 54.004, 335.906 by changing the saturation by 10% instead.

 57, 54.004,
335.906

 57, 54.004,
335.906

 100, 54.004,
335.906

 47, 54.004,
335.906

 77, 54.004,
335.906

 37, 54.004,
335.906

 87, 54.004,
335.906

 27, 54.004,
335.906

 97, 54.004,
335.906

 17, 54.004,
335.906

 7, 54.004, 335.906

 0, 54.004, 335.906

57, 54.004,
335.906

57, 54.004,
335.906

53, 63.084,
336.764

61, 43.819,
335.108

50, 70.551,
337.704

66, 32.993,
334.353

48, 75.918,
338.763

71, 21.875,
333.635

46, 78.882,
339.992

76, 10.720,
332.941

45, 79.740,
341.419

81, 0.307, 153.383

45, 79.757,
341.462

87, 11.102,
151.742

92, 21.610,
151.148

96, 27.547,
152.020

■ 96, 25.661,
155.848

Harmonies

Complementary

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



57, 54.004, 335.906



74, 53.884, 147.800

Rectangle

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



57, 54.004, 335.906



57, 54.004, 25.906



57, 54.004, 155.906



57, 54.004, 205.906

Sweetspot

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



57, 54.001, 335.906



90, 20.139, 333.321



50, 58.923, 304.109



47, 13.754, 333.469



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, 54.001, 335.906



66, 76.530, 336.865



55, 42.549, 6.319



39, 6.200, 332.918



36, 68.462, 341.209



4, 21.475, 337.652

Inverse Universe

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



57, 54.001, 335.906



66, 76.530, 336.865



75, 35.528, 174.319



39, 6.200, 332.918



36, 68.462, 341.209



4, 21.475, 337.652

Previews

White Background



This preview shows how the CIELCh color 57, 54.004, 335.906 looks on a white background.

Color Contrast Check

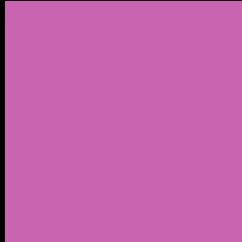
Large Text (above 18pt) WCAG AA ✓ Pass

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, 54.004, 335.906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

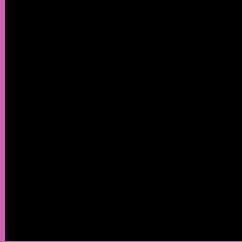
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 54.004, 335.906

Background



This preview shows how black text looks on a background with the CIELCh color 57, 54.004, 335.906.

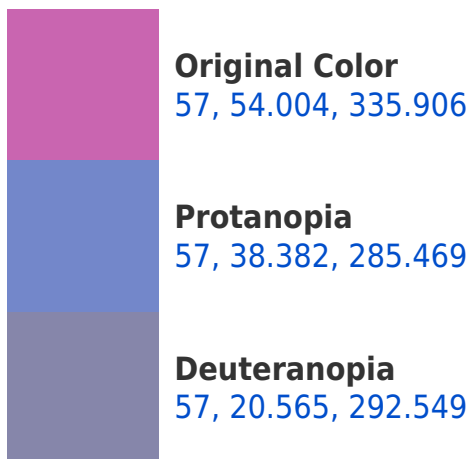


This preview shows how white text looks on a background with the CIELCh color 57, 54.004, 335.906.

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, 34.589, 15.400

Trichromacy



Original Color
57, 54.004, 335.906



Protanomaly
56, 40.928, 305.274



Deuteranomaly
56, 31.483, 317.590



Tritanomaly
57, 38.865, 356.292

Monochromacy



Original Color
57, 54.004, 335.906



Achromatopsia
58, 0.007, 296.813



Achromatomaly
57, 20.687, 333.785

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 54.004, 335.906 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(201, 101, 176)` looks like.

```
.text, #text, p{  
    color:rgb(201, 101, 176)  
}
```

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(201, 101, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 101, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 54.004, 335.906 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(201, 101, 176) }
```

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

```
.border{ border-color:rgb(201, 101, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 101, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 101, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 101, 176);  
box-shadow:4px 4px 4px 4px rgb(201, 101,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 54.004, 335.906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 101, 176) }
```

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

```
.background{ background-color: rgb(201,  
101, 176) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor