

Converting Colors

CIELCh(54, 69.297, 334.886)

Have a look what the booklet for
CIELCh(54, 69.297, 334.886)
contains.

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Color

CIELCh(54, 69.348, 334.815)

Conversions

Conversions Part 1

Format	Color
Hex	CF4DB5
RGB	207, 77, 181
RGB Percent	81%, 30%, 71%
CMY	0.1874, 0.6972, 0.2895
CMYK	0.00, 0.63, 0.13, 0.19
HSL	312°, 58%, 56%
HSV	312°, 63%, 81%
XYZ	36.8170, 21.9746, 46.1192
YIQ	127.7260, 44.0960, 59.9040

Conversions

Conversions Part 2

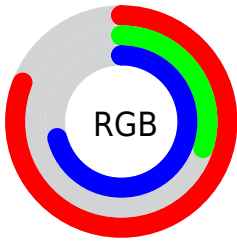
Format	Color
R_{YB}	207, 77, 181
Decimal	13585845
CIE _{Lab}	54.00, 62.76, -29.51
CIE _{LCh}	54, 69.348, 334.815
Yxy	21.9746, 0.3509, 0.2095
Android (android.graphics.Color)	4291775925 (0xFFCF4DB5)
YUV	127.7260, 26.2641, 69.5233
Hunter-Lab	46.8770, 58.1584, -25.5175

Details

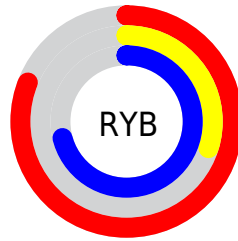
The CIELCh color **54, 69.348, 334.815** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **74, 70.493, 144.331**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 67.099, 331.767**, and **34, 69.453, 334.645** is the 20% darker color. If you saturate the color by 10%, you get **51, 76.604, 335.615**, and if you desaturate by 10%, it is **58, 60.225, 334.062**.

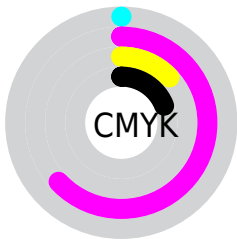
Distribution



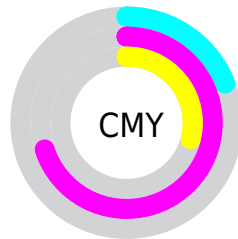
- Red (81%)
- Green (30%)
- Blue (71%)



- Red (81%)
- Yellow (30%)
- Blue (71%)



- Cyan (0%)
- Magenta (63%)
- Yellow (13%)
- Black (19%)





- Cyan (19%)
- Magenta (70%)
- Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 69.348, 334.815 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 54, 69.348, 334.815 by changing the saturation by 10% instead.


 54, 69.348,
334.815


 54, 69.348,
334.815


 100, 69.348,
334.815


 44, 69.348,
334.815


 74, 69.348,
334.815

 34, 69.348,
334.815

 84, 69.348,
334.815

 24, 69.348,
334.815

 94, 69.348,
334.815

 14, 69.348,
334.815

 4, 69.348, 334.815

 0, 69.348, 334.815

54, 69.348,
334.815

54, 69.348,
334.815

51, 76.604,
335.615

58, 60.225,
334.062

49, 81.550,
336.489

62, 49.775,
333.340

48, 83.979,
337.472

66, 38.494,
332.643

47, 84.523,
338.257

71, 26.786,
331.966

76, 14.952,
331.306

82, 3.196, 330.602

87, 8.351, 150.139

93, 19.614,
149.545

■ 96, 25.320,
150.496

Harmonies

Complementary

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



54, 69.348, 334.815



74, 70.493, 144.331

Rectangle

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



54, 69.348, 334.815



54, 69.348, 24.815



54, 69.348, 154.815



54, 69.348, 204.815

Sweetspot

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



54, 69.345, 334.815



88, 26.468, 331.732



42, 77.330, 304.342



45, 18.228, 331.925



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



54, 69.345, 334.815



62, 91.720, 335.882



52, 54.834, 5.726



41, 6.695, 331.087



38, 72.563, 338.080



5, 26.655, 335.661

Inverse Universe

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



54, 69.345, 334.815



62, 91.720, 335.882



76, 45.728, 168.717



41, 6.695, 331.087



38, 72.563, 338.080



5, 26.655, 335.661

Previews

White Background



This preview shows how the CIELCh color 54, 69.348, 334.815 looks on a white background.

Color Contrast Check

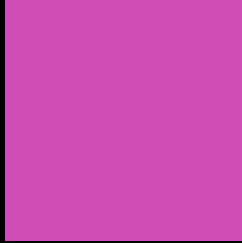
Large Text (above 18pt) WCAG AA ✓ Pass

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 54, 69.348, 334.815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

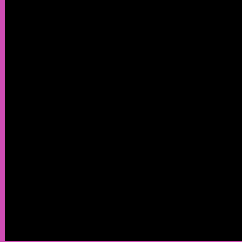
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 69.348, 334.815

Background



This preview shows how black text looks on a background with the CIELCh color 54, 69.348, 334.815.

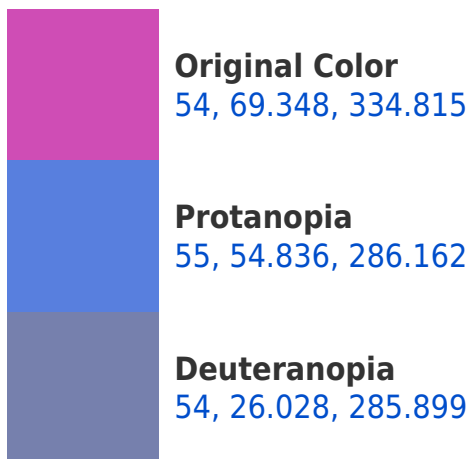


This preview shows how white text looks on a background with the CIELCh color 54, 69.348, 334.815.

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
54, 43.515, 20.221

Trichromacy



Original Color
54, 69.348, 334.815



Protanomaly
52, 57.199, 303.121



Deuteranomaly
53, 40.677, 314.329



Tritanomaly
54, 48.942, 357.695

Monochromacy



Original Color
54, 69.348, 334.815



Achromatopsia
54, 0.007, 296.813



Achromatomaly
52, 27.873, 332.883

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 69.348, 334.815 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(207, 77, 181)` looks like.

```
.text, #text, p{  
    color:rgb(207, 77, 181)  
}
```

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(207, 77, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 77, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 69.348, 334.815 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(207, 77, 181) }
```

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

```
.border{ border-color:rgb(207, 77, 181) }
```

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

Here you see how a box with a 4 pixel rgb(207, 77, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 77, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 77, 181);  
box-shadow:4px 4px 4px 4px rgb(207, 77,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 69.348, 334.815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 77, 181) }
```

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

```
.background{ background-color: rgb(207, 77,  
181) }
```

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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