

Converting Colors

CIELCh(54, 59.030, 344.167)

Have a look what the booklet for
CIELCh(54, 59.030, 344.167)
contains.

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Color

CIELCh(54, 59.120, 344.232)

Conversions

Conversions Part 1

Format	Color
Hex	CF539E
RGB	207, 83, 158
RGB Percent	81%, 33%, 62%
CMY	0.1876, 0.6739, 0.3798
CMYK	0.00, 0.60, 0.24, 0.19
HSL	324°, 56%, 57%
HSV	324°, 60%, 81%
XYZ	35.0695, 21.9746, 34.8097
YIQ	128.6260, 49.8290, 49.6130

Conversions

Conversions Part 2

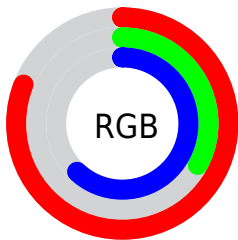
Format	Color
R_{YB}	207, 83, 158
Decimal	13587358
CIE _{Lab}	54.00, 56.90, -16.07
CIE _{LCh}	54, 59.120, 344.232
Yxy	21.9746, 0.3818, 0.2392
Android (android.graphics.Color)	4291777438 (0xFFCF539E)
YUV	128.6260, 14.4814, 68.7340
Hunter-Lab	46.8770, 51.5042, -11.2134

Details

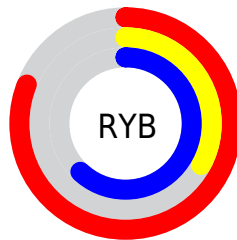
The CIELCh color **54, 59.120, 344.232** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **75, 58.036, 151.991**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 56.619, 340.682**, and **34, 59.304, 343.891** is the 20% darker color. If you saturate the color by 10%, you get **51, 66.190, 345.755**, and if you desaturate by 10%, it is **58, 50.522, 342.948**.

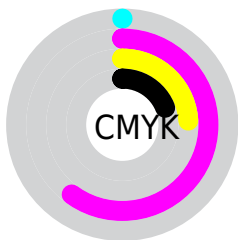
Distribution



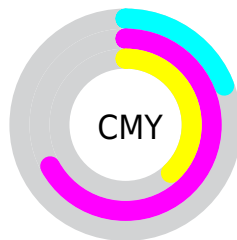
- Red (81%)
- Green (33%)
- Blue (62%)



- Red (81%)
- Yellow (33%)
- Blue (62%)



- Cyan (0%)
- Magenta (60%)
- Yellow (24%)
- Black (19%)




- Cyan (19%)
- Magenta (67%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 59.120, 344.232 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, 59.120, 344.232 by changing the saturation by 10% instead.


 54, 59.120,
344.232

 54, 59.120,
344.232


 100, 59.120,
344.232

 44, 59.120,
344.232

 74, 59.120,
344.232

 34, 59.120,
344.232

 84, 59.120,
344.232

 24, 59.120,
344.232

 94, 59.120,
344.232

 14, 59.120,
344.232

 4, 59.120, 344.232

 0, 59.120, 344.232

54, 59.120,
344.232

54, 59.120,
344.232

51, 66.190,
345.755

58, 50.522,
342.948

48, 71.249,
347.608

62, 40.925,
341.834

46, 73.997,
349.909

67, 30.772,
340.845

45, 74.771,
352.710

72, 20.402,
339.949


45, 74.779,
352.752

78, 10.049,
339.116

83, 0.138, 161.160

89, 10.071,
157.747

94, 19.708,
157.082

 96, 20.521,
162.869

Harmonies

Complementary

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



54, 59.120, 344.232



75, 58.036, 151.991

Rectangle

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



54, 59.120, 344.232



54, 59.120, 34.232



54, 59.120, 164.232



54, 59.120, 214.232

Sweetspot

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



54, 59.117, 344.233



88, 21.869, 339.809



46, 73.451, 308.757



45, 15.223, 340.061



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, 59.117, 344.233



61, 79.463, 346.273



52, 53.121, 19.035



41, 5.827, 339.080



37, 64.235, 352.259



5, 23.111, 346.973

Inverse Universe

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



54, 59.117, 344.233



61, 79.463, 346.273



76, 37.833, 184.694



41, 5.827, 339.080



37, 64.235, 352.259



5, 23.111, 346.973

Previews

White Background



This preview shows how the CIELCh color 54, 59.120, 344.232 looks on a white background.

Color Contrast Check

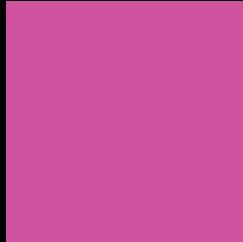
Large Text (above 18pt) WCAG AA ✓ Pass

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, 59.120, 344.232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

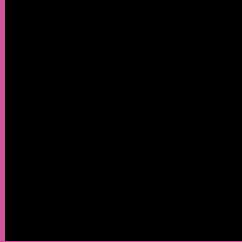
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 59.120, 344.232

Background



This preview shows how black text looks on a background with the CIELCh color 54, 59.120, 344.232.

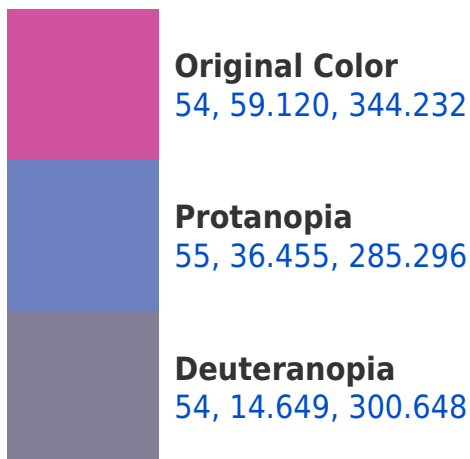


This preview shows how white text looks on a background with the CIELCh color 54, 59.120, 344.232.

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, 45.741, 20.868

Trichromacy



Original Color
54, 59.120, 344.232

Protanomaly
53, 40.493, 310.667

Deuteranomaly
53, 31.277, 329.093

Tritanomaly
54, 48.124, 5.110

Monochromacy



Original Color
54, 59.120, 344.232

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 23.843, 339.830

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 59.120, 344.232 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, 83, 158)` looks like.

```
.text, #text, p{  
    color:rgb(207, 83, 158)  
}
```

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, 83, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 83, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 59.120, 344.232 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, 83, 158) }
```

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

```
.border{ border-color:rgb(207, 83, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 83, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 83, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 83, 158);  
box-shadow:4px 4px 4px 4px rgb(207, 83,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 59.120, 344.232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 83, 158) }
```

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

```
.background{ background-color: rgb(207, 83,  
158) }
```

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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