

# Converting Colors

CIELCh(54, 52.825, 339.013)

Have a look what the booklet for  
CIELCh(54, 52.825, 339.013)  
contains.

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**Color**

**CIELCh(54, 52.845, 339.038)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C35DA3
RGB	195, 93, 163
RGB Percent	76%, 36%, 64%
CMY	0.2365, 0.6364, 0.3619
CMYK	0.00, 0.52, 0.16, 0.24
HSL	319°, 46%, 56%
HSV	319°, 52%, 76%
XYZ	32.9015, 21.9746, 37.0236
YIQ	131.4780, 38.3220, 43.3940

# Conversions

## Conversions Part 2

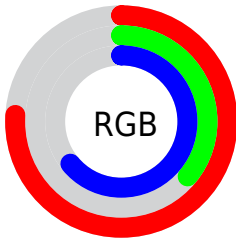
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	195, 93, 163
Decimal	12803491
CIE <sub>Lab</sub>	54.00, 49.35, -18.91
CIE <sub>LCh</sub>	54, 52.845, 339.038
Yxy	21.9746, 0.3580, 0.2391
Android (android.graphics.Color)	4290993571 (0xFFC35DA3)
YUV	131.4780, 15.5403, 55.7088
Hunter-Lab	46.8770, 43.2488, -14.0135

# Details

The CIELCh color **54, 52.845, 339.038** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **71, 52.404, 149.793**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 52.852, 339.201**, and **34, 52.775, 339.228** is the 20% darker color. If you saturate the color by 10%, you get **50, 61.035, 340.095**, and if you desaturate by 10%, it is **58, 43.510, 338.093**.

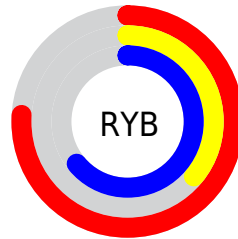
# Distribution



Red (76%)

Green (36%)

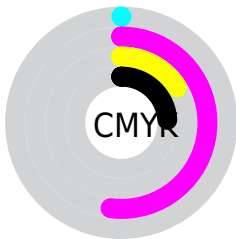
Blue (64%)



Red (76%)

Yellow (36%)

Blue (64%)

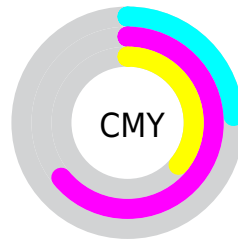


Cyan (0%)

Magenta (52%)

Yellow (16%)

Black (24%)



Cyan (24%)

Magenta (64%)


Yellow (36%)


# Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 52.845, 339.038 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, 52.845, 339.038 by changing the saturation by 10% instead.




 54, 52.845,  
339.038

 54, 52.845,  
339.038


 100, 52.845,  
339.038

 44, 52.845,  
339.038


 74, 52.845,  
339.038

 34, 52.845,  
339.038

 84, 52.845,  
339.038

 24, 52.845,  
339.038

 94, 52.845,  
339.038

 14, 52.845,  
339.038

 4, 52.845, 339.038

 0, 52.845, 339.038

54, 52.845,  
339.038

54, 52.845,  
339.038

50, 61.035,  
340.095

58, 43.510,  
338.093

47, 67.585,  
341.307

63, 33.492,  
337.230

45, 72.048,  
342.738

67, 23.148,  
336.429

44, 74.198,  
344.469

72, 12.736,  
335.673


43, 74.655,  
345.987

77, 2.428, 334.865

83, 7.670, 154.392

88, 17.500,  
153.752

93, 27.034,  
153.166

 95, 28.645,  
155.795

# Harmonies

# Complementary

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



54, 52.845, 339.038



71, 52.404, 149.793

# Rectangle

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



54, 52.845, 339.038



54, 52.845, 29.038



54, 52.845, 159.038



54, 52.845, 209.038

# Sweetspot

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



54, 52.842, 339.038



89, 20.384, 335.962



47, 60.720, 305.795



47, 13.890, 336.120



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, 52.842, 339.038



64, 75.639, 340.278



52, 43.542, 10.688



38, 5.799, 335.450



35, 64.920, 345.653



3, 18.048, 341.038



# Inverse Universe

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



54, 52.842, 339.038



64, 75.639, 340.278



72, 34.716, 178.021



38, 5.799, 335.450



35, 64.920, 345.653



3, 18.048, 341.038



# Previews

## White Background



This preview shows how the CIELCh color 54, 52.845, 339.038 looks on a white background.

## Color Contrast Check

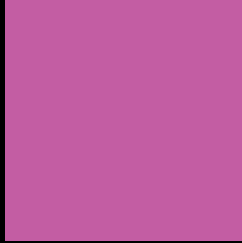
Large Text (above 18pt) WCAG AA ✓ Pass

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, 52.845, 339.038 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

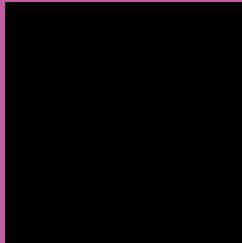
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# CIELCh 54, 52.845, 339.038

## Background



This preview shows how black text looks on a background with the CIELCh color 54, 52.845, 339.038.



This preview shows how white text looks on a background with the CIELCh color 54, 52.845, 339.038.

# 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



**Original Color**  
54, 52.845, 339.038

**Protanopia**  
54, 35.302, 285.274

**Deuteranopia**  
54, 17.322, 293.454





**Tritanopia**  
54, 36.347, 17.121

# Trichromacy



**Original Color**  
54, 52.845, 339.038



**Protanomaly**  
53, 38.206, 307.758



**Deuteranomaly**  
53, 28.896, 321.256

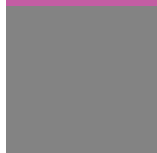


**Tritanomaly**  
54, 39.771, 359.992

# Monochromacy



**Original Color**  
54, 52.845, 339.038



**Achromatopsia**  
55, 0.007, 296.813



**Achromatomaly**  
54, 20.772, 335.829

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 54, 52.845, 339.038 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(195, 93, 163)` looks like.

```
.text, #text, p{  
    color:rgb(195, 93, 163)  
}
```

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(195, 93, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 93, 163) }
```

## Border

The CSS property to change the border of an element to CIELCh 54, 52.845, 339.038 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(195, 93, 163) }
```

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

```
.border{ border-color:rgb(195, 93, 163) }
```

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

Here you see how a box with a 4 pixel rgb(195, 93, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 93, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 93, 163);  
box-shadow:4px 4px 4px 4px rgb(195, 93,  
163) }
```

# Background

The CSS property to change the background color of an element to CIELCh 54, 52.845, 339.038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 93, 163) }
```

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

```
.background{ background-color: rgb(195, 93,  
163) }
```

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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