

Converting Colors

CIELCh(54, 50.607, 339.414)

Have a look what the booklet for
CIELCh(54, 50.607, 339.414)
contains.

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Color

CIELCh(54, 50.632, 339.502)

Conversions

Conversions Part 1

Format	Color
Hex	C15FA1
RGB	193, 95, 161
RGB Percent	76%, 37%, 63%
CMY	0.2446, 0.6288, 0.3700
CMYK	0.00, 0.51, 0.17, 0.24
HSL	320°, 44%, 56%
HSV	320°, 51%, 76%
XYZ	32.3643, 21.9746, 36.0964
YIQ	131.8260, 37.2220, 41.3020

Conversions

Conversions Part 2

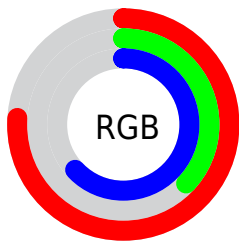
Format	Color
RYB	193, 95, 161
Decimal	12672929
CIELab	54.00, 47.43, -17.73
CIELCh	54, 50.632, 339.502
Yxy	21.9746, 0.3579, 0.2430
Android (android.graphics.Color)	4290863009 (0xFFC15FA1)
YUV	131.8260, 14.3828, 53.6496
Hunter-Lab	46.8770, 41.2030, -12.8407

Details

The CIELCh color **54, 50.632, 339.502** 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, 50.060, 150.498**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 50.363, 339.374**, and **34, 50.448, 339.694** is the 20% darker color. If you saturate the color by 10%, you get **50, 58.904, 340.576**, and if you desaturate by 10%, it is **58, 41.311, 338.544**.

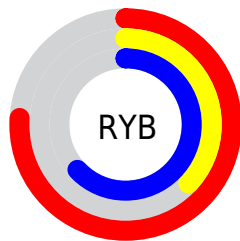
Distribution



Red (76%)

Green (37%)

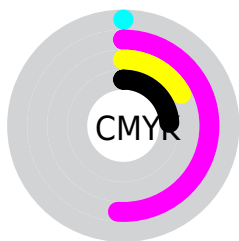
Blue (63%)



Red (76%)

Yellow (37%)

Blue (63%)

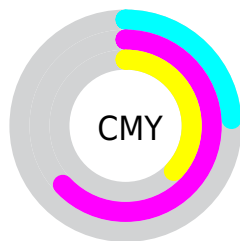


Cyan (0%)

Magenta (51%)

Yellow (17%)

Black (24%)



Cyan (24%)


Magenta (63%)


Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 50.632, 339.502 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, 50.632, 339.502 by changing the saturation by 10% instead.


 54, 50.632,
339.502

 54, 50.632,
339.502


 100, 50.632,
339.502

 44, 50.632,
339.502


 74, 50.632,
339.502

 34, 50.632,
339.502

 84, 50.632,
339.502

 24, 50.632,
339.502

 94, 50.632,
339.502

 14, 50.632,
339.502

 4, 50.632, 339.502

 0, 50.632, 339.502

■ 54, 50.632,
339.502

■ 54, 50.632,
339.502

■ 50, 58.904,
340.576

■ 58, 41.311,
338.544

■ 47, 65.641,
341.811

■ 63, 31.386,
337.671

■ 45, 70.383,
343.272

■ 67, 21.190,
336.863

■ 43, 72.860,
345.043

■ 72, 10.964,
336.101


■ 43, 73.504,
346.950

■ 77, 0.863, 335.042

■ 83, 9.017, 154.815

■ 88, 18.625,
154.180

■ 93, 27.939,
153.596

 95, 29.306,
156.324

Harmonies

Complementary

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



54, 50.632, 339.502



71, 50.060, 150.498

Rectangle

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



54, 50.632, 339.502



54, 50.632, 29.502



54, 50.632, 159.502



54, 50.632, 209.502

Sweetspot

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



54, 50.629, 339.503



89, 18.772, 336.431



47, 58.381, 306.136



46, 12.821, 336.593



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



54, 50.629, 339.503



64, 72.645, 340.704



53, 41.870, 11.602



38, 5.746, 335.989



35, 64.420, 346.614



3, 17.855, 341.803

Inverse Universe

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



54, 50.629, 339.503



64, 72.645, 340.704



72, 33.206, 179.612



38, 5.746, 335.989



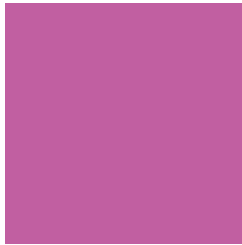
35, 64.420, 346.614



3, 17.855, 341.803

Previews

White Background



This preview shows how the CIELCh color 54, 50.632, 339.502 looks on a white background.

Color Contrast Check

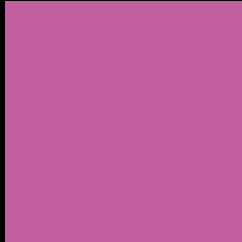
Large Text (above 18pt) WCAG AA ✓ Pass

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, 50.632, 339.502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

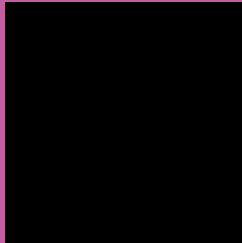
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 50.632, 339.502

Background



This preview shows how black text looks on a background with the CIELCh color 54, 50.632, 339.502.

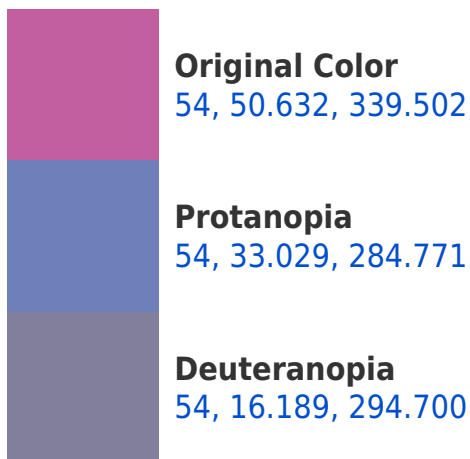


This preview shows how white text looks on a background with the CIELCh color 54, 50.632, 339.502.

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](#).

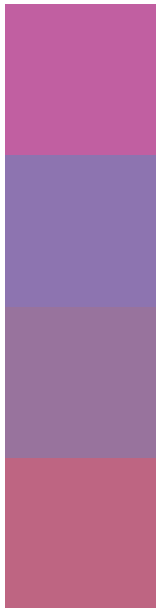
Dichromacy





Tritanopia
54, 35.450, 16.787

Trichromacy



Original Color
54, 50.632, 339.502

Protanomaly
53, 35.894, 307.989

Deuteranomaly
53, 27.924, 322.413

Tritanomaly
54, 38.895, 0.114

Monochromacy



Original Color
54, 50.632, 339.502

Achromatopsia
55, 0.007, 296.813

Achromatomaly
54, 19.436, 336.464

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 50.632, 339.502 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(193, 95, 161)` looks like.

```
.text, #text, p{  
    color:rgb(193, 95, 161)  
}
```

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(193, 95, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 95, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 50.632, 339.502 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(193, 95, 161) }
```

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

```
.border{ border-color:rgb(193, 95, 161) }
```

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

Here you see how a box with a 4 pixel rgb(193, 95, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 95, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 95, 161);  
box-shadow:4px 4px 4px 4px rgb(193, 95,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 50.632, 339.502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 95, 161) }
```

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

```
.background{ background-color: rgb(193, 95,  
161) }
```

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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