

Converting Colors

CIELCh(50, 58.937, 343.538)

Have a look what the booklet for
CIELCh(50, 58.937, 343.538)
contains.

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Color

CIELCh(50, 58.937, 343.538)

Conversions

Conversions Part 1

Format	Color
Hex	C34995
RGB	195, 73, 149
RGB Percent	76%, 29%, 58%
CMY	0.2369, 0.7153, 0.4171
CMYK	0.00, 0.63, 0.24, 0.24
HSL	323°, 50%, 52%
HSV	323°, 63%, 76%
XYZ	30.1513, 18.4187, 30.2446
YIQ	118.1420, 48.3160, 49.5000

Conversions

Conversions Part 2

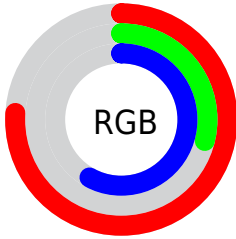
Format	Color
RYB	195, 73, 149
Decimal	12798357
CIELab	50.00, 56.52, -16.70
CIElCh	50, 58.937, 343.538
Yxy	18.4187, 0.3826, 0.2337
Android (android.graphics.Color)	4290988437 (0xFFC34995)
YUV	118.1420, 15.2130, 67.4045
Hunter-Lab	42.9170, 50.3005, -11.7412

Details

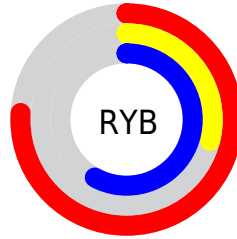
The CIELCh color **50, 58.937, 343.538** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **71, 58.319, 150.801**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 58.936, 343.502**, and **30, 58.944, 343.689** is the 20% darker color. If you saturate the color by 10%, you get **47, 65.245, 345.040**, and if you desaturate by 10%, it is **54, 51.032, 342.271**.

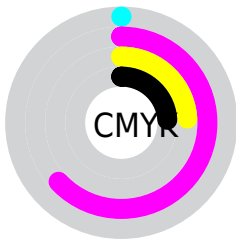
Distribution



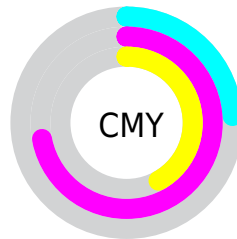
- Red (76%)
- Green (29%)
- Blue (58%)



- Red (76%)
- Yellow (29%)
- Blue (58%)



- Cyan (0%)
- Magenta (63%)
- Yellow (24%)
- Black (24%)





- Cyan (24%)
- Magenta (72%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 50, 58.937, 343.538 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 50, 58.937, 343.538 by changing the saturation by 10% instead.


 50, 58.937,
343.538


 50, 58.937,
343.538


 100, 58.937,
343.538


 40, 58.937,
343.538


 70, 58.937,
343.538

 30, 58.937,
343.538


 80, 58.937,
343.538


 20, 58.937,
343.538

 90, 58.937,
343.538

 10, 58.937,
343.538

 0, 58.937, 343.538

 50, 58.937,
343.538

 50, 58.937,
343.538

47, 65.245,
345.040

54, 51.032,
342.271

45, 69.530,
346.865

58, 42.038,
341.169

43, 71.578,
349.125

62, 32.397,
340.190

43, 72.037,
351.039

67, 22.463,
339.302

72, 12.483,
338.479

77, 2.621, 337.624

83, 7.023, 157.116

88, 16.397,
156.439

93, 25.477,
155.826

Harmonies

Complementary

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



50, 58.937, 343.538



71, 58.319, 150.801

Rectangle

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



50, 58.937, 343.538



50, 58.937, 33.538



50, 58.937, 163.538



50, 58.937, 213.538

Sweetspot

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



50, 58.934, 343.539



87, 23.204, 339.017



42, 73.127, 308.481



45, 16.123, 339.262



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



50, 58.934, 343.539



60, 81.479, 345.634



48, 52.723, 18.535



38, 5.544, 338.214



35, 62.664, 350.598



3, 17.158, 344.850

Inverse Universe

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



50, 58.934, 343.539



60, 81.479, 345.634



72, 37.597, 182.817



38, 5.544, 338.214



35, 62.664, 350.598



3, 17.158, 344.850

Previews

White Background



This preview shows how the CIELCh color 50, 58.937, 343.538 looks on a white background.

Color Contrast Check

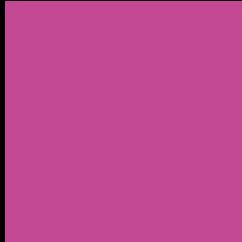
Large Text (above 18pt) WCAG AA ✓ Pass

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 50, 58.937, 343.538 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

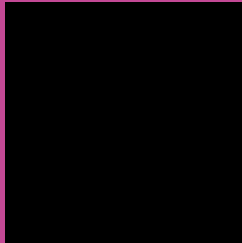
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 58.937, 343.538

Background



This preview shows how black text looks on a background with the CIELCh color 50, 58.937, 343.538.

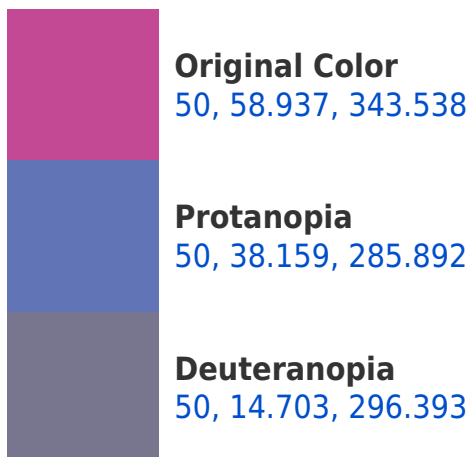


This preview shows how white text looks on a background with the CIELCh color 50, 58.937, 343.538.

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
50, 45.677, 21.967

Trichromacy



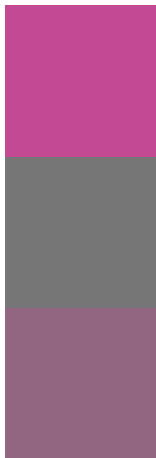
Original Color
50, 58.937, 343.538

Protanomaly
48, 42.009, 309.446

Deuteranomaly
49, 30.539, 327.964

Tritanomaly
50, 47.761, 5.255

Monochromacy



Original Color
50, 58.937, 343.538

Achromatopsia
50, 0.007, 296.813

Achromatomaly
48, 24.163, 340.005

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 58.937, 343.538 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, 73, 149)` looks like.

```
.text, #text, p{  
    color:rgb(195, 73, 149)  
}
```

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, 73, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 73, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 58.937, 343.538 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, 73, 149) }
```

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

```
.border{ border-color:rgb(195, 73, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 73, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 73, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 73, 149);  
box-shadow:4px 4px 4px 4px rgb(195, 73,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 58.937, 343.538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 73, 149) }
```

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

```
.background{ background-color: rgb(195, 73,  
149) }
```

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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