

Converting Colors

CIELCh(53, 58.407, 339.378)

Have a look what the booklet for
CIELCh(53, 58.407, 339.378)
contains.

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Color

CIELCh(53, 58.298, 339.252)

Conversions

Conversions Part 1

Format	Color
Hex	C654A3
RGB	198, 84, 163
RGB Percent	78%, 33%, 64%
CMY	0.2228, 0.6699, 0.3601
CMYK	0.00, 0.58, 0.18, 0.22
HSL	318°, 50%, 55%
HSV	318°, 58%, 78%
XYZ	33.1437, 21.0462, 37.0420
YIQ	127.0920, 42.5850, 48.7370

Conversions

Conversions Part 2

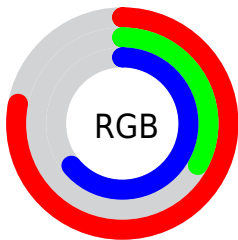
Format	Color
R_{YB}	198, 84, 163
Decimal	12997795
CIE _{Lab}	53.00, 54.52, -20.65
CIE _{LCh}	53, 58.298, 339.252
Yxy	21.0462, 0.3633, 0.2307
Android (android.graphics.Color)	4291187875 (0xFFC654A3)
YUV	127.0920, 17.7026, 62.1863
Hunter-Lab	45.8761, 48.6761, -15.7596

Details

The CIELCh color **53, 58.298, 339.252** 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 **72, 58.143, 148.814**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 57.633, 338.697**, and **33, 58.176, 339.263** is the 20% darker color. If you saturate the color by 10%, you get **50, 65.825, 340.362**, and if you desaturate by 10%, it is **57, 49.336, 338.270**.

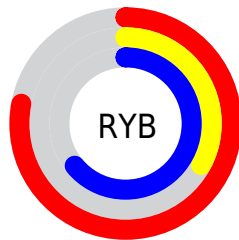
Distribution



Red (78%)

Green (33%)

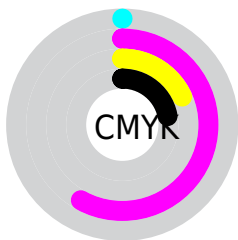
Blue (64%)



Red (78%)

Yellow (33%)

Blue (64%)

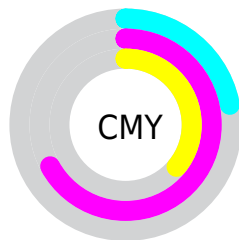


Cyan (0%)

Magenta (58%)

Yellow (18%)

Black (22%)



Cyan (22%)


Magenta (67%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 58.298, 339.252 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 53, 58.298, 339.252 by changing the saturation by 10% instead.


 53, 58.298,
339.252


 53, 58.298,
339.252


 100, 58.298,
339.252


 43, 58.298,
339.252


 73, 58.298,
339.252

 33, 58.298,
339.252

 83, 58.298,
339.252

 23, 58.298,
339.252

 93, 58.298,
339.252

 13, 58.298,
339.252

 3, 58.298, 339.252

 0, 58.298, 339.252

53, 58.298,
339.252

53, 58.298,
339.252

50, 65.825,
340.362

57, 49.336,
338.270

47, 71.427,
341.649

61, 39.445,
337.378

45, 74.744,
343.186

66, 29.042,
336.555

44, 75.809,
345.040

71, 18.443,
335.785

44, 75.938,
345.524

76, 7.866, 335.045

81, 2.547, 154.548

87, 12.713,
153.809

92, 22.591,
153.202

■ 95, 27.692,
154.504

Harmonies

Complementary

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



53, 58.298, 339.252



72, 58.143, 148.814

Rectangle

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



53, 58.298, 339.252



53, 58.298, 29.252



53, 58.298, 159.252



53, 58.298, 209.252

Sweetspot

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



53, 58.295, 339.252



89, 21.947, 335.764



45, 67.991, 306.279



46, 14.694, 335.918



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



53, 58.295, 339.252



63, 81.520, 340.665



51, 48.592, 11.985



39, 5.952, 335.183



36, 65.925, 345.202



4, 20.441, 341.016

Inverse Universe

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



53, 58.295, 339.252



63, 81.520, 340.665



73, 37.853, 177.380



39, 5.952, 335.183



36, 65.925, 345.202



4, 20.441, 341.016

Previews

White Background



This preview shows how the CIE LCh color 53, 58.298, 339.252 looks on a white background.

Color Contrast Check

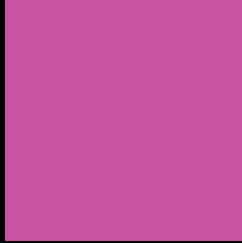
Large Text (above 18pt) WCAG AA ✓ Pass

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 53, 58.298, 339.252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

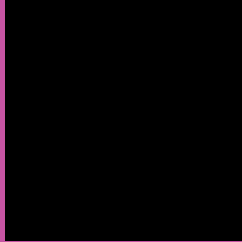
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 58.298, 339.252

Background



This preview shows how black text looks on a background with the CIELCh color 53, 58.298, 339.252.

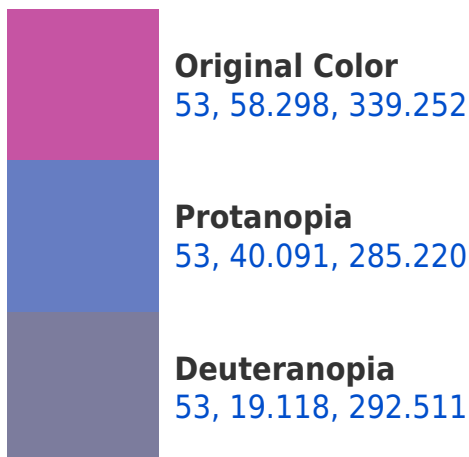


This preview shows how white text looks on a background with the CIELCh color 53, 58.298, 339.252.

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](#).

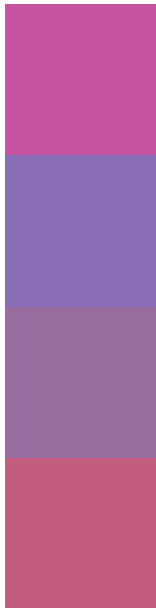
Dichromacy





Tritanopia
53, 40.562, 19.419

Trichromacy



Original Color
53, 58.298, 339.252

Protanomaly
52, 43.477, 306.872

Deuteranomaly
52, 32.159, 321.268

Tritanomaly
53, 43.899, 1.090

Monochromacy



Original Color
53, 58.298, 339.252

Achromatopsia
53, 0.007, 296.813

Achromatomaly
52, 23.417, 336.611

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 58.298, 339.252 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(198, 84, 163)` looks like.

```
.text, #text, p{  
    color:rgb(198, 84, 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(198, 84, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 84, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 58.298, 339.252 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(198, 84, 163) }
```

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

```
.border{ border-color:rgb(198, 84, 163) }
```

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

Here you see how a box with a 4 pixel rgb(198, 84, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 84, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 84, 163);  
box-shadow:4px 4px 4px 4px rgb(198, 84,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 58.298, 339.252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 84, 163) }
```

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

```
.background{ background-color: rgb(198, 84,  
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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