

Converting Colors

CIELCh(53, 58.979, 338.224)

Have a look what the booklet for
CIELCh(53, 58.979, 338.224)
contains.

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Color

CIELCh(53, 58.956, 338.400)

Conversions

Conversions Part 1

Format	Color
Hex	C654A5
RGB	198, 84, 165
RGB Percent	78%, 33%, 65%
CMY	0.2237, 0.6708, 0.3531
CMYK	0.00, 0.58, 0.17, 0.22
HSL	317°, 50%, 55%
HSV	317°, 58%, 78%
XYZ	33.2282, 21.0462, 37.8846
YIQ	127.3200, 41.9430, 49.3590

Conversions

Conversions Part 2

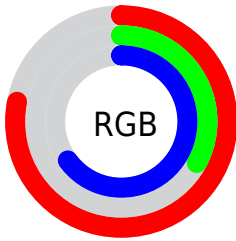
Format	Color
R _Y B	198, 84, 165
Decimal	12997797
CIE Lab	53.00, 54.82, -21.70
CIE LCh	53, 58.956, 338.400
Yxy	21.0462, 0.3606, 0.2284
Android (android.graphics.Color)	4291187877 (0xFFC654A5)
YUV	127.3200, 18.5762, 61.9864
Hunter-Lab	45.8761, 49.0047, -16.8485

Details

The CIELCh color **53, 58.956, 338.400** 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, 58.958, 148.150**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 58.285, 337.895**, and **33, 58.838, 338.337** is the 20% darker color. If you saturate the color by 10%, you get **50, 66.539, 339.448**, and if you desaturate by 10%, it is **57, 49.921, 337.463**.

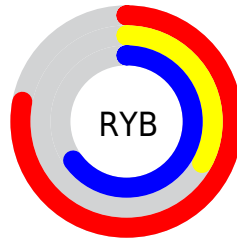
Distribution



Red (78%)

Green (33%)

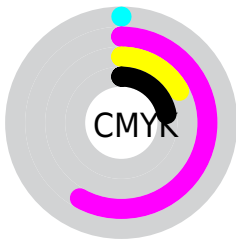
Blue (65%)



Red (78%)

Yellow (33%)

Blue (65%)

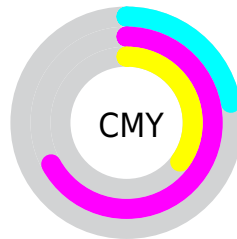


Cyan (0%)

Magenta (58%)

Yellow (17%)

Black (22%)



Cyan (22%)

Magenta (67%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 58.956, 338.400 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, 58.956, 338.400 by changing the saturation by 10% instead.


 53, 58.956,
338.400

 53, 58.956,
338.400

 100, 58.956,
338.400

 43, 58.956,
338.400


 73, 58.956,
338.400

 33, 58.956,
338.400

 83, 58.956,
338.400

 23, 58.956,
338.400

 93, 58.956,
338.400

 13, 58.956,
338.400

 3, 58.956, 338.400

 0, 58.956, 338.400

53, 58.956,
338.400

53, 58.956,
338.400

50, 66.539,
339.448

57, 49.921,
337.463

47, 72.181,
340.653

61, 39.940,
336.605

45, 75.524,
342.076

66, 29.433,
335.807

44, 76.605,
343.781

71, 18.720,
335.055


44, 76.735,
344.214

76, 8.023, 334.330

81, 2.515, 153.843

86, 12.808,
153.112

92, 22.812,
152.512

 95, 28.279,
153.576

Harmonies

Complementary

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



53, 58.956, 338.400



72, 58.958, 148.150

Rectangle

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



53, 58.956, 338.400



53, 58.956, 28.400



53, 58.956, 158.400



53, 58.956, 208.400

Sweetspot

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



53, 58.953, 338.400



89, 22.221, 335.031



44, 67.998, 305.836



46, 14.877, 335.181



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, 58.953, 338.400



63, 82.427, 339.727



51, 48.570, 10.717



39, 6.028, 334.461



36, 66.671, 343.922



4, 20.751, 339.935

Inverse Universe

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



53, 58.953, 338.400



63, 82.427, 339.727



73, 38.373, 175.973



39, 6.028, 334.461



36, 66.671, 343.922



4, 20.751, 339.935

Previews

White Background



This preview shows how the CIELCh color 53, 58.956, 338.400 looks on a white background.

Color Contrast Check

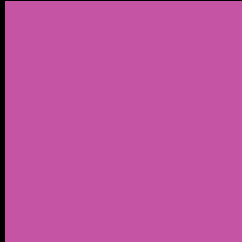
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 53, 58.956, 338.400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

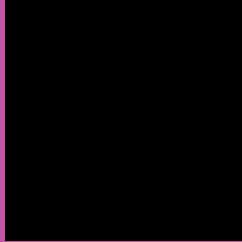
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 58.956, 338.400

Background



This preview shows how black text looks on a background with the CIELCh color 53, 58.956, 338.400.

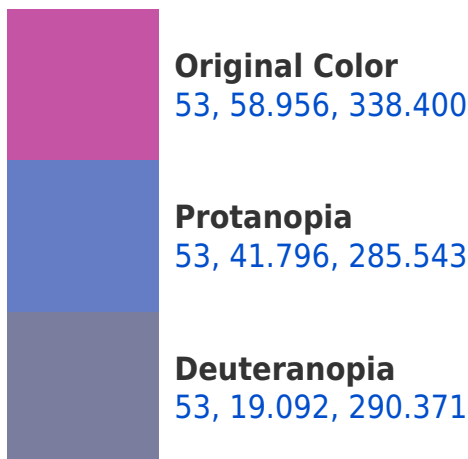


This preview shows how white text looks on a background with the CIELCh color 53, 58.956, 338.400.

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, 58.956, 338.400



Protanomaly
52, 44.531, 306.184



Deuteranomaly
52, 32.997, 319.701



Tritanomaly
53, 44.014, 0.369

Monochromacy



Original Color
53, 58.956, 338.400



Achromatopsia
53, 0.007, 296.813



Achromatomaly
52, 23.804, 335.599

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 58.956, 338.400 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, 165)` looks like.

```
.text, #text, p{  
    color:rgb(198, 84, 165)  
}
```

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, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 84, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 58.956, 338.400 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, 165) }
```

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

```
.border{ border-color:rgb(198, 84, 165) }
```

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, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 84, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 84, 165);  
box-shadow:4px 4px 4px 4px rgb(198, 84,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 58.956, 338.400 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, 165) }
```

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

```
.background{ background-color: rgb(198, 84,  
165) }
```

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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