

Converting Colors

CIELCh(58, 79.165, 350.534)

Have a look what the booklet for
CIELCh(58, 79.165, 350.534)
contains.

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Color

CIELCh(58, 79.231, 350.701)

Conversions

Conversions Part 1

Format	Color
Hex	FA39A4
RGB	250, 57, 164
RGB Percent	98%, 22%, 64%
CMY	0.0193, 0.7760, 0.3566
CMYK	0.00, 0.77, 0.34, 0.02
HSL	327°, 95%, 60%
HSV	327°, 77%, 98%
XYZ	47.6332, 25.9610, 37.6589
YIQ	126.9050, 80.6810, 74.1930

Conversions

Conversions Part 2

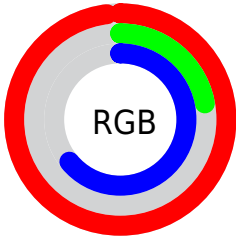
Format	Color
R _Y B	250, 57, 164
Decimal	16398756
CIE Lab	58.00, 78.19, -12.80
CIE LCh	58, 79.231, 350.701
Yxy	25.9610, 0.4282, 0.2334
Android (android.graphics.Color)	4294588836 (0xFFFA39A4)
YUV	126.9050, 18.2878, 107.9543
Hunter-Lab	50.9519, 77.7075, -8.1553

Details

The CIELCh color **58, 79.231, 350.701** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **88, 79.129, 151.060**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 67.258, 337.089**, and **41, 69.352, 353.306** is the 20% darker color. If you saturate the color by 10%, you get **56, 82.999, 353.351**, and if you desaturate by 10%, it is **61, 72.878, 348.595**.

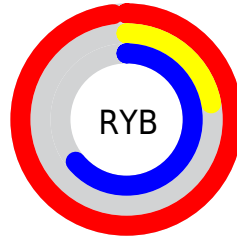
Distribution



Red (98%)

Green (22%)

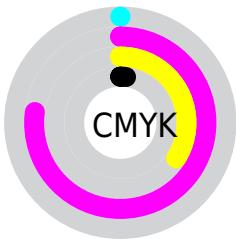
Blue (64%)



Red (98%)

Yellow (22%)

Blue (64%)

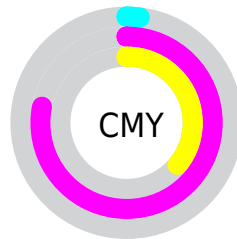


Cyan (0%)

Magenta (77%)

Yellow (34%)

Black (2%)



Cyan (2%)


Magenta (78%)


Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 79.231, 350.701 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 58, 79.231, 350.701 by changing the saturation by 10% instead.


 58, 79.231,
350.701


 58, 79.231,
350.701


 100, 79.231,
350.701


 48, 79.231,
350.701


 78, 79.231,
350.701

 38, 79.231,
350.701

 88, 79.231,
350.701

 28, 79.231,
350.701

 98, 79.231,
350.701

 18, 79.231,
350.701

 8, 79.231, 350.701

 0, 79.231, 350.701

58, 79.231,
350.701

58, 79.231,
350.701

56, 82.999,
353.351

61, 72.878,
348.595

54, 84.254,
356.680

65, 64.352,
346.889

54, 84.394,
357.712

70, 54.243,
345.469

76, 43.145,
344.256

81, 31.551,
343.192

87, 19.818,
342.238

94, 8.188, 341.351

100, 1.930,
172.385

100, 1.704,
199.686

Harmonies

Complementary

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



58, 79.231, 350.701



88, 79.129, 151.060

Rectangle

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



58, 79.231, 350.701



58, 79.231, 40.701



58, 79.231, 170.701



58, 79.231, 220.701

Sweetspot

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



58, 79.227, 350.702



85, 27.096, 342.786



46, 108.000, 310.898



43, 18.784, 343.140



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



58, 79.227, 350.702



56, 85.259, 355.240



56, 81.612, 28.946



49, 6.514, 341.557



41, 68.460, 357.008



10, 31.671, 352.054

Inverse Universe

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



58, 79.227, 350.702



56, 85.259, 355.240



90, 48.764, 188.401



49, 6.514, 341.557



41, 68.460, 357.008



10, 31.671, 352.054

Previews

White Background



This preview shows how the CIELCh color 58, 79.231, 350.701 looks on a white background.

Color Contrast Check

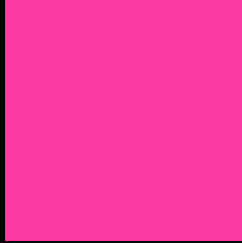
Large Text (above 18pt) WCAG AA ✓ Pass

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 58, 79.231, 350.701 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 58, 79.231, 350.701

Background



This preview shows how black text looks on a background with the CIELCh color 58, 79.231, 350.701.

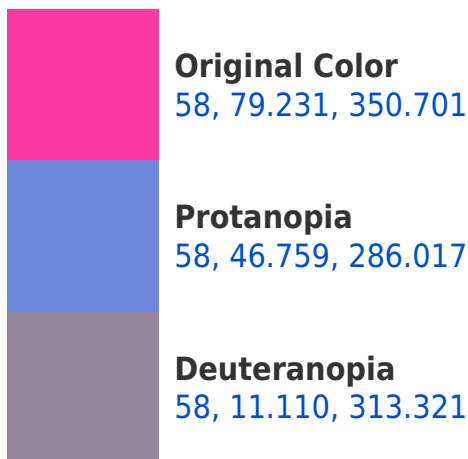


This preview shows how white text looks on a background with the CIELCh color 58, 79.231, 350.701.

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
58, 70.751, 27.637

Trichromacy



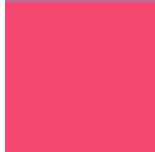
Original Color
58, 79.231, 350.701



Protanomaly
54, 54.811, 313.962



Deuteranomaly
55, 40.427, 339.154

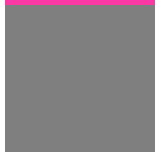


Tritanomaly
58, 70.245, 13.280

Monochromacy



Original Color
58, 79.231, 350.701



Achromatopsia
53, 0.007, 296.813



Achromatomaly
52, 34.572, 345.185

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 79.231, 350.701 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(250, 57, 164)` looks like.

```
.text, #text, p{  
    color:rgb(250, 57, 164)  
}
```

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(250, 57, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 57, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 79.231, 350.701 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(250, 57, 164) }
```

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

```
.border{ border-color:rgb(250, 57, 164) }
```

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

Here you see how a box with a 4 pixel rgb(250, 57, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 57, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 57, 164);  
box-shadow:4px 4px 4px 4px rgb(250, 57,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 79.231, 350.701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 57, 164) }
```

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

```
.background{ background-color: rgb(250, 57,  
164) }
```

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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