

Converting Colors

CIELCh(59, 76.490, 349.259)

Have a look what the booklet for
CIELCh(59, 76.490, 349.259)
contains.

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Color

CIELCh(59, 76.370, 349.209)

Conversions

Conversions Part 1

Format	Color
Hex	F844A9
RGB	248, 68, 169
RGB Percent	97%, 27%, 66%
CMY	0.0266, 0.7324, 0.3365
CMYK	0.00, 0.73, 0.32, 0.03
HSL	326°, 93%, 62%
HSV	326°, 73%, 97%
XYZ	48.0446, 27.0277, 40.3101
YIQ	133.3340, 74.8590, 69.5710

Conversions

Conversions Part 2

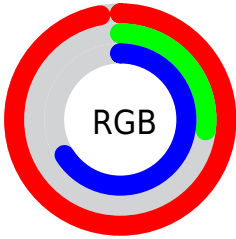
Format	Color
R _Y B	248, 68, 169
Decimal	16270505
CIE _{Lab}	59.00, 75.02, -14.30
CIE _{LCh}	59, 76.370, 349.209
Y _{xy}	27.0277, 0.4164, 0.2342
Android (android.graphics.Color)	4294460585 (0xFFFF844A9)
YUV	133.3340, 17.5833, 100.5621
Hunter-Lab	51.9882, 73.9802, -9.5799

Details

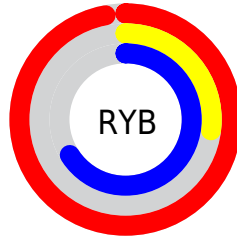
The CIELCh color **59, 76.370, 349.209** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **87, 75.536, 151.655**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 64.639, 335.816**, and **41, 70.054, 350.749** is the 20% darker color. If you saturate the color by 10%, you get **56, 81.333, 351.536**, and if you desaturate by 10%, it is **63, 68.971, 347.343**.

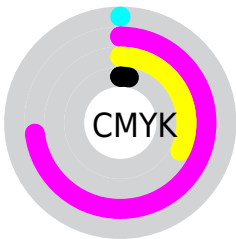
Distribution



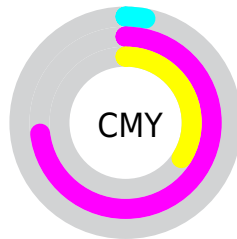
- Red (97%)
- Green (27%)
- Blue (66%)



- Red (97%)
- Yellow (27%)
- Blue (66%)



- Cyan (0%)
- Magenta (73%)
- Yellow (32%)
- Black (3%)





- Cyan (3%)
- Magenta (73%)
- Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 76.370, 349.209 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 59, 76.370, 349.209 by changing the saturation by 10% instead.

 59, 76.370,
349.209


 59, 76.370,
349.209

 100, 76.370,
349.209


 49, 76.370,
349.209

 79, 76.370,
349.209

 39, 76.370,
349.209

 89, 76.370,
349.209

 29, 76.370,
349.209

 99, 76.370,
349.209

 19, 76.370,
349.209

 9, 76.370, 349.209

 0, 76.370, 349.209

59, 76.370,
349.209

59, 76.370,
349.209

56, 81.333,
351.536

63, 68.971,
347.343

55, 83.675,
354.469

67, 59.667,
345.809

54, 84.092,
357.079

72, 49.064,
344.513

78, 37.714,
343.390

84, 26.047,
342.392

90, 14.362,
341.486

96, 2.852, 340.546

100, 2.354,
199.537

Harmonies

Complementary

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



59, 76.370, 349.209



87, 75.536, 151.655

Rectangle

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



59, 76.370, 349.209



59, 76.370, 39.209



59, 76.370, 169.209



59, 76.370, 219.209

Sweetspot

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



59, 76.366, 349.210



86, 26.016, 342.347



48, 101.898, 310.775



44, 17.505, 342.606



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



59, 76.366, 349.210



57, 84.444, 352.807



57, 76.314, 27.114



49, 6.544, 341.223



41, 68.611, 356.406



10, 31.758, 351.563

Inverse Universe

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



59, 76.366, 349.210



57, 84.444, 352.807



89, 47.118, 188.756



49, 6.544, 341.223



41, 68.611, 356.406



10, 31.758, 351.563

Previews

White Background



This preview shows how the CIELCh color 59, 76.370, 349.209 looks on a white background.

Color Contrast Check

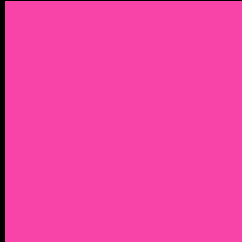
Large Text (above 18pt) WCAG AA ✓ Pass

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 59, 76.370, 349.209 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 59, 76.370, 349.209

Background



This preview shows how black text looks on a background with the CIELCh color 59, 76.370, 349.209.

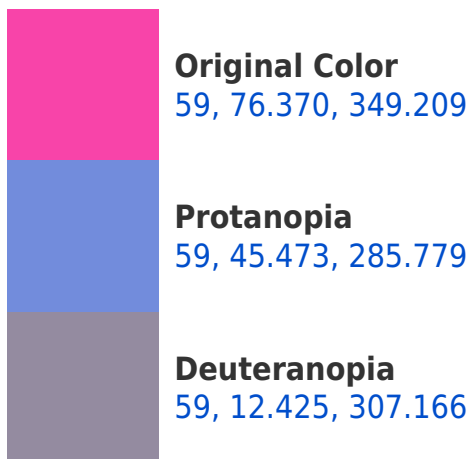


This preview shows how white text looks on a background with the CIELCh color 59, 76.370, 349.209.

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
59, 66.014, 25.915

Trichromacy



Original Color
59, 76.370, 349.209



Protanomaly
56, 52.661, 313.057



Deuteranomaly
57, 38.446, 336.948



Tritanomaly
59, 66.387, 11.112

Monochromacy



Original Color
59, 76.370, 349.209



Achromatopsia
56, 0.007, 296.813



Achromatomaly
55, 32.862, 343.858

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 76.370, 349.209 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(248, 68, 169)` looks like.

```
.text, #text, p{  
    color:rgb(248, 68, 169)  
}
```

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(248, 68, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 68, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 76.370, 349.209 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(248, 68, 169) }
```

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

```
.border{ border-color:rgb(248, 68, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 68, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 68, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 68, 169);  
box-shadow:4px 4px 4px 4px rgb(248, 68,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 76.370, 349.209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 68, 169) }
```

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

```
.background{ background-color: rgb(248, 68,  
169) }
```

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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