

Converting Colors

CIELCh(59, 79.076, 348.805)

Have a look what the booklet for
CIELCh(59, 79.076, 348.805)
contains.

CIELCh(59, 78.998, 348.803)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(59, 78.998, 348.803)

Conversions

Conversions Part 1

Format	Color
Hex	FB3FAB
RGB	251, 63, 171
RGB Percent	98%, 25%, 67%
CMY	0.0154, 0.7526, 0.3292
CMYK	0.00, 0.75, 0.32, 0.02
HSL	326°, 96%, 62%
HSV	326°, 75%, 98%
XYZ	48.9457, 27.0277, 41.1935
YIQ	131.5240, 77.3800, 73.4440

Conversions

Conversions Part 2

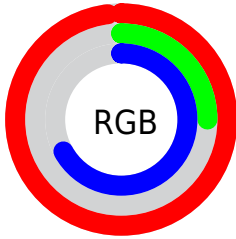
Format	Color
R _Y B	251, 63, 171
Decimal	16465835
CIE Lab	59.00, 77.49, -15.34
CIE LCh	59, 78.998, 348.803
Yxy	27.0277, 0.4177, 0.2307
Android (android.graphics.Color)	4294655915 (0xFFFB3FAB)
YUV	131.5240, 19.4617, 104.7805
Hunter-Lab	51.9882, 77.0742, -10.5875

Details

The CIELCh color **59, 78.998, 348.803** 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, 79.059, 150.590**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 66.964, 335.003**, and **42, 70.898, 350.729** is the 20% darker color. If you saturate the color by 10%, you get **57, 83.348, 351.160**, and if you desaturate by 10%, it is **62, 72.071, 346.915**.

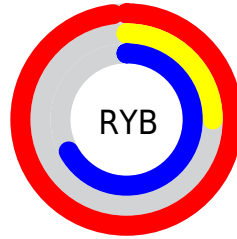
Distribution



Red (98%)

Green (25%)

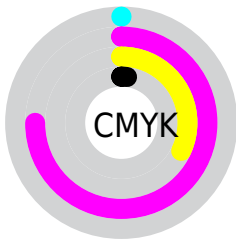
Blue (67%)



Red (98%)

Yellow (25%)

Blue (67%)

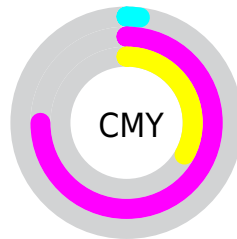


Cyan (0%)

Magenta (75%)

Yellow (32%)

Black (2%)



Cyan (2%)


Magenta (75%)


Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 78.998, 348.803 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, 78.998, 348.803 by changing the saturation by 10% instead.


 59, 78.998,
348.803

 59, 78.998,
348.803


 100, 78.998,
348.803

 49, 78.998,
348.803


 79, 78.998,
348.803

 39, 78.998,
348.803

 89, 78.998,
348.803

 29, 78.998,
348.803

 99, 78.998,
348.803

 19, 78.998,
348.803

 9, 78.998, 348.803

 0, 78.998, 348.803

■ 59, 78.998,
348.803

■ 59, 78.998,
348.803

■ 57, 83.348,
351.160

■ 62, 72.071,
346.915

■ 55, 85.043,
354.125

■ 67, 63.053,
345.366

■ 55, 85.211,
355.863

■ 72, 52.555,
344.060

■ 77, 41.162,
342.930

■ 83, 29.342,
341.927

■ 89, 17.433,
341.019

■ 95, 5.655, 340.147

■ 100, 1.366,
199.804

Harmonies

Complementary

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



59, 78.998, 348.803



88, 79.059, 150.590

Rectangle

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



59, 78.998, 348.803



59, 78.998, 38.803



59, 78.998, 168.803



59, 78.998, 218.803

Sweetspot

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



59, 78.994, 348.804



86, 26.249, 341.660



47, 105.852, 310.440



44, 17.660, 341.914



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, 78.994, 348.804



57, 85.547, 352.619



57, 78.837, 26.876



49, 6.605, 340.555



41, 68.943, 355.197



10, 31.943, 350.576

Inverse Universe

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



59, 78.994, 348.804



57, 85.547, 352.619



90, 48.898, 186.685



49, 6.605, 340.555



41, 68.943, 355.197



10, 31.943, 350.576

Previews

White Background



This preview shows how the CIELCh color 59, 78.998, 348.803 looks on a white background.

Color Contrast Check

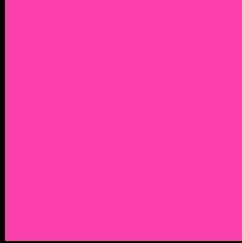
Large Text (above 18pt) WCAG AA ✓ Pass

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, 78.998, 348.803 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, 78.998, 348.803

Background



This preview shows how black text looks on a background with the CIELCh color 59, 78.998, 348.803.

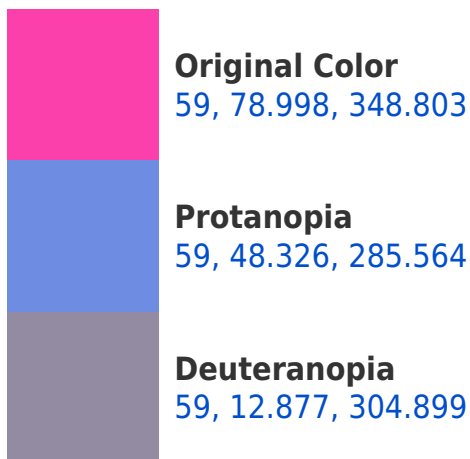


This preview shows how white text looks on a background with the CIELCh color 59, 78.998, 348.803.

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, 67.939, 26.777

Trichromacy



Original Color
59, 78.998, 348.803



Protanomaly
56, 55.357, 312.202



Deuteranomaly
56, 40.667, 335.960



Tritanomaly
59, 68.083, 11.267

Monochromacy



Original Color
59, 78.998, 348.803



Achromatopsia
55, 0.007, 296.813



Achromatomaly
54, 34.142, 343.310

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 78.998, 348.803 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(251, 63, 171)` looks like.

```
.text, #text, p{  
    color:rgb(251, 63, 171)  
}
```

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(251, 63, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 63, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 78.998, 348.803 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(251, 63, 171) }
```

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

```
.border{ border-color:rgb(251, 63, 171) }
```

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

Here you see how a box with a 4 pixel rgb(251, 63, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 63, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 63, 171);  
box-shadow:4px 4px 4px 4px rgb(251, 63,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 78.998, 348.803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 63, 171) }
```

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

```
.background{ background-color: rgb(251, 63,  
171) }
```

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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