

Converting Colors

CIELCh(59, 76.048, 0.068)

Have a look what the booklet for
CIELCh(59, 76.048, 0.068) contains.

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Color

CIELCh(59, 75.924, 359.789)

Conversions

Conversions Part 1

Format	Color
Hex	FF4091
RGB	255, 64, 145
RGB Percent	100%, 25%, 57%
CMY	0.0000, 0.7507, 0.4298
CMYK	0.00, 0.75, 0.43, 0.00
HSL	334°, 100%, 62%
HSV	334°, 75%, 100%
XYZ	48.3724, 27.0277, 29.6199
YIQ	130.3430, 87.8350, 65.6830

Conversions

Conversions Part 2

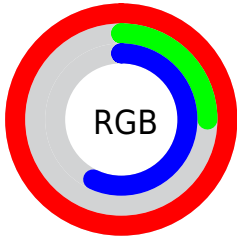
Format	Color
R _Y B	255, 64, 145
Decimal	16728209
CIE Lab	59.00, 75.92, -0.28
CIE LCh	59, 75.924, 359.789
Yxy	27.0277, 0.4606, 0.2574
Android (android.graphics.Color)	4294918289 (0xFFFF4091)
YUV	130.3430, 7.2259, 109.3242
Hunter-Lab	51.9882, 75.1059, 2.6117

Details

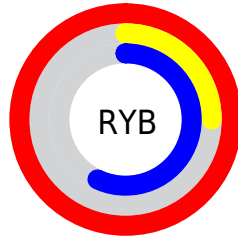
The CIELCh color **59, 75.924, 359.789** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **90, 69.715, 158.051**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 58.624, 345.409**, and **41, 68.633, 2.886** is the 20% darker color. If you saturate the color by 10%, you get **56, 80.799, 3.212**, and if you desaturate by 10%, it is **62, 68.603, 356.917**.

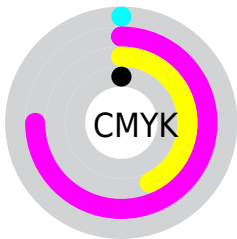
Distribution



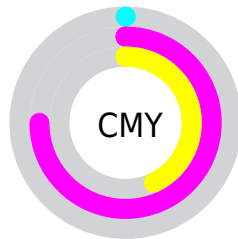
- Red (100%)
- Green (25%)
- Blue (57%)



- Red (100%)
- Yellow (25%)
- Blue (57%)



- Cyan (0%)
- Magenta (75%)
- Yellow (43%)
- Black (0%)





- Cyan (0%)
- Magenta (75%)
- Yellow (43%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 75.924, 359.789 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, 75.924, 359.789 by changing the saturation by 10% instead.


 59, 75.924,
359.789


 59, 75.924,
359.789


 100, 75.924,
359.789


 49, 75.924,
359.789


 79, 75.924,
359.789

 39, 75.924,
359.789

 89, 75.924,
359.789

 29, 75.924,
359.789

 99, 75.924,
359.789

 19, 75.924,
359.789

 9, 75.924, 359.789

 0, 75.924, 359.789

■ 59, 75.924,
359.789

■ 59, 75.924,
359.789

■ 56, 80.799, 3.212

■ 62, 68.603,
356.917

■ 55, 83.650, 7.649

■ 67, 59.622,
354.721

■ 54, 84.606, 10.101

■ 72, 49.413,
352.945

■ 78, 38.520,
351.472

■ 84, 27.372,
350.218

■ 90, 16.268,
349.122

■ 97, 5.395, 348.103

■ 100, 0.012,
296.813

Harmonies

Complementary

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



59, 75.924, 359.789



90, 69.715, 158.051

Rectangle

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



59, 75.924, 359.789



59, 75.924, 49.789



59, 75.924, 179.789



59, 75.924, 229.789

Sweetspot

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



59, 75.794, 359.686



85, 25.063, 349.980



51, 106.114, 314.356



43, 17.405, 350.399



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, 75.794, 359.686



56, 82.449, 5.281



59, 81.204, 35.049



50, 6.090, 348.558



41, 68.074, 9.131



10, 31.380, 2.465

Inverse Universe

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



59, 75.794, 359.686



56, 82.449, 5.281



88, 43.488, 205.699



50, 6.090, 348.558



41, 68.074, 9.131



10, 31.380, 2.465

Previews

White Background



This preview shows how the CIELCh color 59, 75.924, 359.789 looks on a white background.

Color Contrast Check

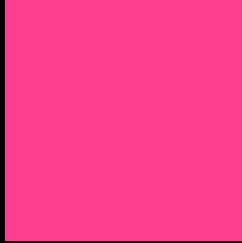
Large Text (above 18pt) WCAG AA ✓ Pass

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, 75.924, 359.789 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, 75.924, 359.789

Background



This preview shows how black text looks on a background with the CIELCh color 59, 75.924, 359.789.



This preview shows how white text looks on a background with the CIELCh color 59, 75.924, 359.789.

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](#).

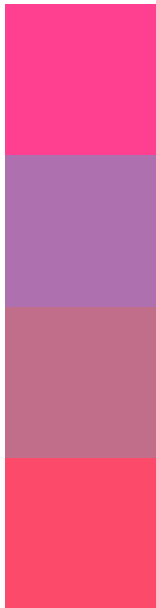
Dichromacy





Tritanopia
59, 73.782, 28.540

Trichromacy



Original Color
59, 75.631, 359.903

Protanomaly
56, 42.009, 325.891

Deuteranomaly
56, 36.448, 357.775

Tritanomaly
59, 72.092, 18.001

Monochromacy



Original Color
59, 75.631, 359.903

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 32.023, 351.486

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 75.924, 359.789 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(255, 64, 145)` looks like.

```
.text, #text, p{  
    color:rgb(255, 64, 145)  
}
```

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(255, 64, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 64, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 75.924, 359.789 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(255, 64, 145) }
```

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

```
.border{ border-color:rgb(255, 64, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 64, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 64, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 64, 145);  
box-shadow:4px 4px 4px 4px rgb(255, 64,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 75.924, 359.789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 64, 145) }
```

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

```
.background{ background-color: rgb(255, 64,  
145) }
```

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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