

Converting Colors

CIELCh(59, 76.728, 358.954)

Have a look what the booklet for
CIELCh(59, 76.728, 358.954)
contains.

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Color

CIELCh(59, 76.407, 358.861)

Conversions

Conversions Part 1

Format	Color
Hex	FF3F94
RGB	255, 63, 148
RGB Percent	100%, 25%, 58%
CMY	0.0000, 0.7540, 0.4215
CMYK	0.00, 0.75, 0.42, 0.00
HSL	334°, 100%, 62%
HSV	334°, 75%, 100%
XYZ	48.5429, 27.0277, 30.4778
YIQ	130.0980, 87.1470, 67.1390

Conversions

Conversions Part 2

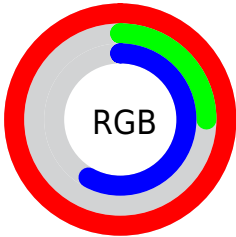
Format	Color
R _Y B	255, 63, 148
Decimal	16727956
CIE Lab	59.00, 76.39, -1.52
CIE LCh	59, 76.407, 358.861
Yxy	27.0277, 0.4577, 0.2549
Android (android.graphics.Color)	4294918036 (0xFFFF3F94)
YUV	130.0980, 8.8257, 109.5391
Hunter-Lab	51.9882, 75.6913, 1.6333

Details

The CIELCh color **59, 76.407, 358.861** 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, 70.881, 157.208**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 59.427, 344.089**, and **42, 68.798, 1.403** is the 20% darker color. If you saturate the color by 10%, you get **56, 81.072, 2.179**, and if you desaturate by 10%, it is **62, 69.178, 356.015**.

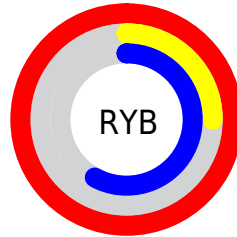
Distribution



Red (100%)

Green (25%)

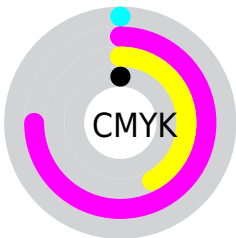
Blue (58%)



Red (100%)

Yellow (25%)

Blue (58%)

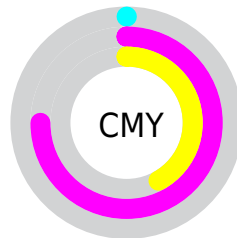


Cyan (0%)

Magenta (75%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (75%)


Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 76.407, 358.861 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, 76.407, 358.861 by changing the saturation by 10% instead.


 59, 76.407,
358.861


 59, 76.407,
358.861


 100, 76.407,
358.861


 49, 76.407,
358.861


 79, 76.407,
358.861

 39, 76.407,
358.861

 89, 76.407,
358.861

 29, 76.407,
358.861

 99, 76.407,
358.861

 19, 76.407,
358.861

 9, 76.407, 358.861

 0, 76.407, 358.861

■ 59, 76.407,
358.861

■ 59, 76.407,
358.861

■ 56, 81.072, 2.179

■ 62, 69.178,
356.015

■ 55, 83.695, 6.527

■ 67, 60.263,
353.863

■ 54, 84.492, 8.762

■ 72, 50.072,
352.118

■ 78, 39.154,
350.667

■ 84, 27.949,
349.429

■ 90, 16.765,
348.346

■ 96, 5.796, 347.341

■ 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, 76.407, 358.861



90, 70.881, 157.208

Rectangle

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



59, 76.407, 358.861



59, 76.407, 48.861



59, 76.407, 178.861



59, 76.407, 228.861

Sweetspot

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



59, 76.246, 358.728



85, 25.258, 349.158



51, 106.599, 313.896



43, 17.536, 349.571



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, 76.246, 358.728



56, 82.529, 4.063



58, 82.254, 34.449



50, 6.142, 347.755



41, 68.015, 7.815



10, 31.440, 1.335

Inverse Universe

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



59, 76.246, 358.728



56, 82.529, 4.063



89, 44.307, 203.289



50, 6.142, 347.755



41, 68.015, 7.815



10, 31.440, 1.335

Previews

White Background



This preview shows how the CIELCh color 59, 76.407, 358.861 looks on a white background.

Color Contrast Check

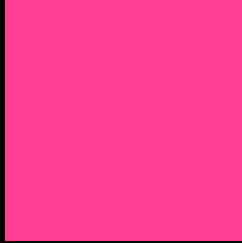
Large Text (above 18pt) WCAG AA ✓ Pass

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, 76.407, 358.861 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, 76.407, 358.861

Background



This preview shows how black text looks on a background with the CIELCh color 59, 76.407, 358.861.

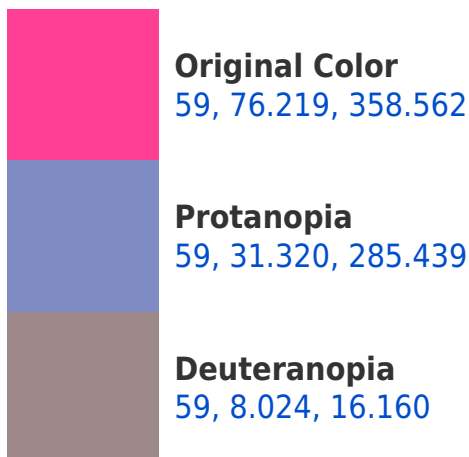


This preview shows how white text looks on a background with the CIELCh color 59, 76.407, 358.861.

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](#).

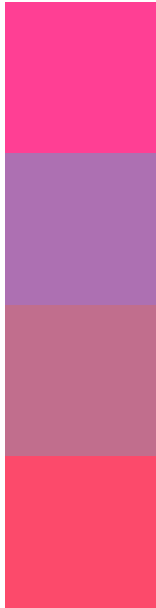
Dichromacy





Tritanopia
59, 73.782, 28.540

Trichromacy



Original Color
59, 76.219, 358.562

Protanomaly
56, 43.215, 324.184

Deuteranomaly
56, 36.784, 356.110

Tritanomaly
59, 71.985, 17.561

Monochromacy



Original Color
59, 76.219, 358.562

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, 76.407, 358.861 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, 63, 148)` looks like.

```
.text, #text, p{  
    color:rgb(255, 63, 148)  
}
```

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, 63, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 63, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 76.407, 358.861 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, 63, 148) }
```

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

```
.border{ border-color:rgb(255, 63, 148) }
```

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

Here you see how a box with a 4 pixel rgb(255, 63, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 63, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 63, 148);  
box-shadow:4px 4px 4px 4px rgb(255, 63,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 76.407, 358.861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 63, 148) }
```

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

```
.background{ background-color: rgb(255, 63,  
148) }
```

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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