

Converting Colors

CIELCh(59, 77.258, 354.656)

Have a look what the booklet for
CIELCh(59, 77.258, 354.656)
contains.

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Color

CIELCh(59, 77.116, 354.750)

Conversions

Conversions Part 1

Format	Color
Hex	FE3F9D
RGB	254, 63, 157
RGB Percent	100%, 25%, 62%
CMY	0.0043, 0.7533, 0.3846
CMYK	0.00, 0.75, 0.38, 0.00
HSL	330°, 99%, 62%
HSV	330°, 75%, 100%
XYZ	48.6890, 27.0277, 34.5139
YIQ	130.8250, 83.6620, 69.7260

Conversions

Conversions Part 2

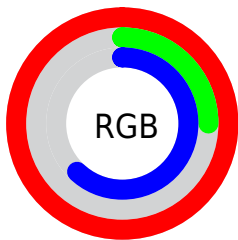
Format	Color
R_{YB}	254, 63, 157
Decimal	16662429
CIE _{Lab}	59.00, 76.79, -7.06
CIE _{LCh}	59, 77.116, 354.750
Yxy	27.0277, 0.4417, 0.2452
Android (android.graphics.Color)	4294852509 (0xFFFE3F9D)
YUV	130.8250, 12.9043, 108.0245
Hunter-Lab	51.9882, 76.1929, -2.9696

Details

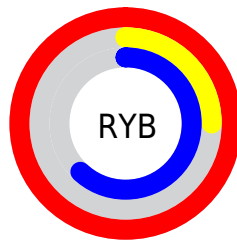
The CIELCh color **59, 77.116, 354.750** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **89, 74.158, 154.461**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 62.039, 340.380**, and **42, 69.291, 357.255** is the 20% darker color. If you saturate the color by 10%, you get **57, 81.652, 357.785**, and if you desaturate by 10%, it is **62, 70.177, 352.358**.

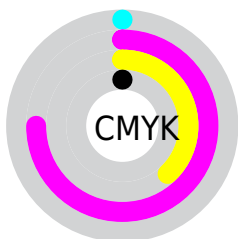
Distribution



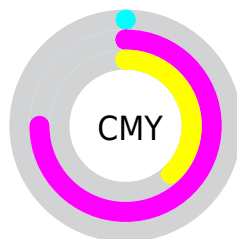
- Red (100%)
- Green (25%)
- Blue (62%)



- Red (100%)
- Yellow (25%)
- Blue (62%)



- Cyan (0%)
- Magenta (75%)
- Yellow (38%)
- Black (0%)





- Cyan (0%)
- Magenta (75%)
- Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 77.116, 354.750 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, 77.116, 354.750 by changing the saturation by 10% instead.


 59, 77.116,
354.750


 59, 77.116,
354.750


 100, 77.116,
354.750

 49, 77.116,
354.750


 79, 77.116,
354.750

 39, 77.116,
354.750

 89, 77.116,
354.750

 29, 77.116,
354.750

 99, 77.116,
354.750

 19, 77.116,
354.750

 9, 77.116, 354.750

 0, 77.116, 354.750

■ 59, 77.116,
354.750

■ 59, 77.116,
354.750

■ 57, 81.652,
357.785

■ 62, 70.177,
352.358

■ 55, 83.780, 1.621

■ 67, 61.277,
350.441

■ 55, 84.277, 3.691

■ 72, 51.006,
348.868

■ 77, 39.932,
347.541

■ 83, 28.509,
346.394

■ 90, 17.057,
345.377

■ 96, 5.784, 344.423

■ 100, 0.380,
201.124

Harmonies

Complementary

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



59, 77.116, 354.750



89, 74.158, 154.461

Rectangle

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



59, 77.116, 354.750



59, 77.116, 44.750



59, 77.116, 174.750



59, 77.116, 224.750

Sweetspot

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



59, 77.112, 354.751



85, 26.046, 346.158



50, 106.466, 312.552



43, 18.070, 346.545



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, 77.112, 354.751



56, 83.223, 359.516



57, 83.669, 32.531



50, 6.350, 344.834



41, 68.171, 2.856



10, 31.797, 357.135

Inverse Universe

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



59, 77.112, 354.751



56, 83.223, 359.516



91, 46.722, 196.572



50, 6.350, 344.834



41, 68.171, 2.856



10, 31.797, 357.135

Previews

White Background



This preview shows how the CIELCh color 59, 77.116, 354.750 looks on a white background.

Color Contrast Check

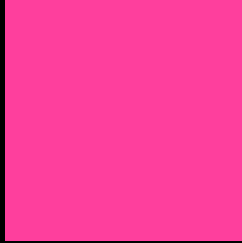
Large Text (above 18pt) WCAG AA ✓ Pass

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, 77.116, 354.750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

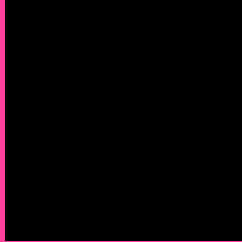
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 77.116, 354.750

Background



This preview shows how black text looks on a background with the CIELCh color 59, 77.116, 354.750.

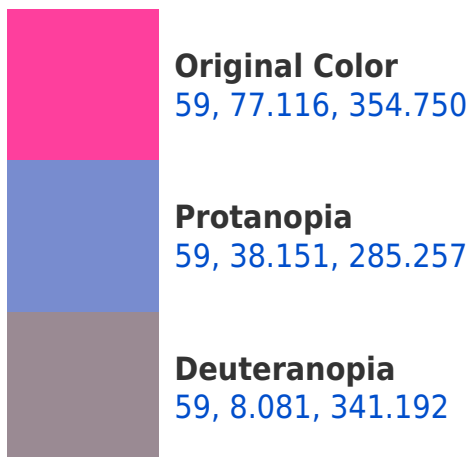


This preview shows how white text looks on a background with the CIELCh color 59, 77.116, 354.750.

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](#).

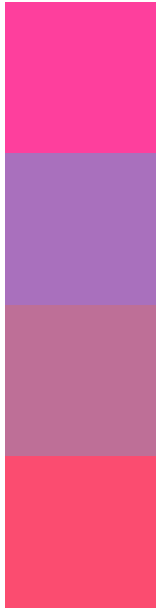
Dichromacy





Tritanopia
59, 71.599, 28.003

Trichromacy



Original Color
59, 77.116, 354.750

Protanomaly
56, 47.934, 318.719

Deuteranomaly
57, 37.476, 347.425

Tritanomaly
59, 70.590, 15.619

Monochromacy



Original Color
59, 77.116, 354.750

Achromatopsia
55, 0.007, 296.813

Achromatomaly
53, 33.331, 348.390

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 77.116, 354.750 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(254, 63, 157)` looks like.

```
.text, #text, p{  
    color:rgb(254, 63, 157)  
}
```

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(254, 63, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 63, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 77.116, 354.750 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(254, 63, 157) }
```

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

```
.border{ border-color:rgb(254, 63, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 63, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 63, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 63, 157);  
box-shadow:4px 4px 4px 4px rgb(254, 63,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 77.116, 354.750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 63, 157) }
```

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

```
.background{ background-color: rgb(254, 63,  
157) }
```

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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