

Converting Colors

CIELCh(59, 75.514, 358.952)

Have a look what the booklet for
CIELCh(59, 75.514, 358.952)
contains.

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Color

CIELCh(59, 75.522, 359.193)

Conversions

Conversions Part 1

Format	Color
Hex	FF4193
RGB	255, 65, 147
RGB Percent	100%, 25%, 58%
CMY	0.0014, 0.7466, 0.4247
CMYK	0.00, 0.75, 0.42, 0.00
HSL	334°, 100%, 63%
HSV	334°, 75%, 100%
XYZ	48.2239, 27.0277, 30.1608
YIQ	131.1580, 86.9180, 65.7820

Conversions

Conversions Part 2

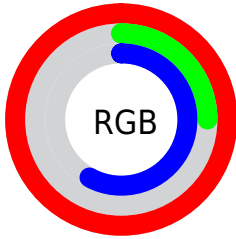
Format	Color
R _Y B	255, 65, 147
Decimal	16728467
CIE Lab	59.00, 75.51, -1.06
CIE LCh	59, 75.522, 359.193
Yxy	27.0277, 0.4575, 0.2564
Android (android.graphics.Color)	4294918547 (0xFFFF4193)
YUV	131.1580, 7.8101, 108.6094
Hunter-Lab	51.9882, 74.5960, 1.9948

Details

The CIELCh color **59, 75.522, 359.193** 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, 69.657, 157.877**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 58.624, 344.659**, and **42, 68.737, 1.896** is the 20% darker color. If you saturate the color by 10%, you get **56, 80.586, 2.649**, and if you desaturate by 10%, it is **63, 68.262, 356.480**.

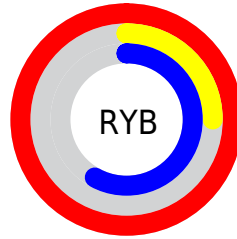
Distribution



Red (100%)

Green (25%)

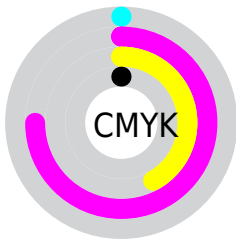
Blue (58%)



Red (100%)

Yellow (25%)

Blue (58%)

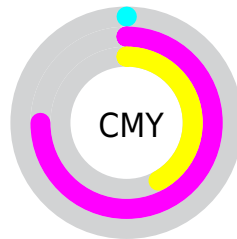


Cyan (0%)

Magenta (75%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (75%)


Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 75.522, 359.193 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, 75.522, 359.193 by changing the saturation by 10% instead.


 59, 75.522,
359.193


 59, 75.522,
359.193


 100, 75.522,
359.193


 49, 75.522,
359.193


 79, 75.522,
359.193

 39, 75.522,
359.193

 89, 75.522,
359.193

 29, 75.522,
359.193

 99, 75.522,
359.193

 19, 75.522,
359.193

 9, 75.522, 359.193

 0, 75.522, 359.193

■ 59, 75.522,
359.193

■ 59, 75.522,
359.193

■ 56, 80.586, 2.649

■ 63, 68.262,
356.480

■ 55, 83.468, 7.003

■ 67, 59.228,
354.326

■ 54, 84.474, 9.652

■ 72, 48.984,
352.580

■ 78, 38.070,
351.128

■ 84, 26.911,
349.890

■ 90, 15.801,
348.805

■ 97, 4.925, 347.787

■ 100, 0.121,
204.897

Harmonies

Complementary

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



59, 75.522, 359.193



90, 69.657, 157.877

Rectangle

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



59, 75.522, 359.193



59, 75.522, 49.193



59, 75.522, 179.193



59, 75.522, 229.193

Sweetspot

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



59, 75.518, 359.194



86, 24.010, 349.593



52, 105.512, 314.355



44, 16.175, 349.900



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, 75.518, 359.194



56, 82.471, 4.875



59, 80.583, 34.927



50, 6.107, 348.289



41, 68.050, 8.693



10, 31.398, 2.088

Inverse Universe

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



59, 75.518, 359.194



56, 82.471, 4.875



88, 43.342, 205.670



50, 6.107, 348.289



41, 68.050, 8.693



10, 31.398, 2.088

Previews

White Background



This preview shows how the CIELCh color 59, 75.522, 359.193 looks on a white background.

Color Contrast Check

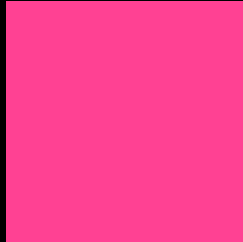
Large Text (above 18pt) WCAG AA ✓ Pass

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, 75.522, 359.193 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, 75.522, 359.193

Background



This preview shows how black text looks on a background with the CIELCh color 59, 75.522, 359.193.

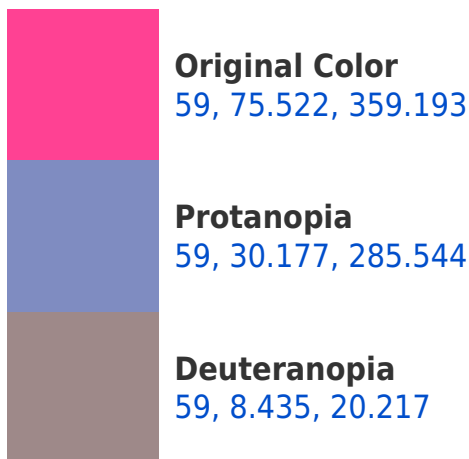


This preview shows how white text looks on a background with the CIELCh color 59, 75.522, 359.193.

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](#).

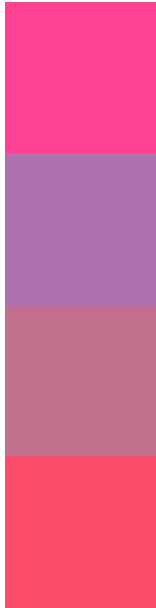
Dichromacy





Tritanopia
59, 73.317, 28.399

Trichromacy



Original Color
59, 75.522, 359.193

Protanomaly
56, 41.649, 324.955

Deuteranomaly
57, 36.232, 356.549

Tritanomaly
59, 71.705, 17.773

Monochromacy



Original Color
59, 75.522, 359.193

Achromatopsia
55, 0.007, 296.813

Achromatomaly
54, 31.990, 351.457

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 75.522, 359.193 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, 65, 147)` looks like.

```
.text, #text, p{  
    color:rgb(255, 65, 147)  
}
```

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, 65, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 65, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 75.522, 359.193 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, 65, 147) }
```

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

```
.border{ border-color:rgb(255, 65, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 65, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 65, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 65, 147); box-shadow:4px 4px 4px 4px rgb(255, 65, 147) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 75.522, 359.193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 65, 147) }
```

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

```
.background{ background-color: rgb(255, 65,  
147) }
```

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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