

Converting Colors

CIELCh(59, 74.093, 343.805)

Have a look what the booklet for
CIELCh(59, 74.093, 343.805)
contains.

CIELCh(59, 74.130, 343.911)	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, 74.130, 343.911)

Conversions

Conversions Part 1

Format	Color
Hex	F04DB4
RGB	240, 77, 180
RGB Percent	94%, 30%, 71%
CMY	0.0599, 0.6991, 0.2951
CMYK	0.00, 0.68, 0.25, 0.06
HSL	322°, 84%, 62%
HSV	322°, 68%, 94%
XYZ	46.6850, 27.0277, 45.8010
YIQ	137.4790, 64.0850, 66.5890

Conversions

Conversions Part 2

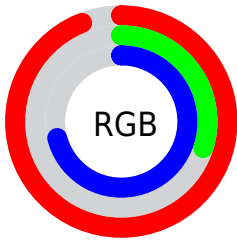
Format	Color
RYB	240, 77, 180
Decimal	15748532
CIELab	59.00, 71.23, -20.54
CIELCh	59, 74.130, 343.911
Yxy	27.0277, 0.3906, 0.2261
Android (android.graphics.Color)	4293938612 (0xFFFF04DB4)
YUV	137.4790, 20.9629, 89.9109
Hunter-Lab	51.9882, 69.3121, -15.8421

Details

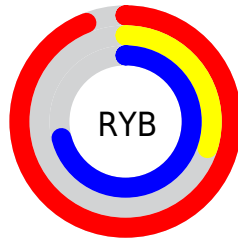
The CIELCh color **59, 74.130, 343.911** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light washed rose. A complement of this color would be **85, 74.306, 149.417**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 65.048, 332.141**, and **40, 71.350, 344.437** is the 20% darker color. If you saturate the color by 10%, you get **56, 80.167, 345.573**, and if you desaturate by 10%, it is **63, 65.821, 342.530**.

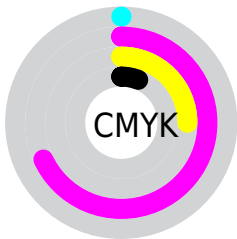
Distribution



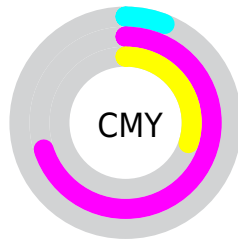
- Red (94%)
- Green (30%)
- Blue (71%)



- Red (94%)
- Yellow (30%)
- Blue (71%)



- Cyan (0%)
- Magenta (68%)
- Yellow (25%)
- Black (6%)





- Cyan (6%)
- Magenta (70%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 74.130, 343.911 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, 74.130, 343.911 by changing the saturation by 10% instead.


 59, 74.130,
343.911


 59, 74.130,
343.911


 100, 74.130,
343.911


 49, 74.130,
343.911


 79, 74.130,
343.911

 39, 74.130,
343.911

 89, 74.130,
343.911

 29, 74.130,
343.911

 99, 74.130,
343.911

 19, 74.130,
343.911

 9, 74.130, 343.911

 0, 74.130, 343.911

59, 74.130,
343.911

59, 74.130,
343.911

56, 80.167,
345.573

63, 65.821,
342.530

54, 83.558,
347.620

67, 55.832,
341.347

53, 84.393,
350.149

72, 44.751,
340.308

53, 84.430,
350.692

78, 33.079,
339.373

84, 21.191,
338.517

90, 9.343, 337.710

96, 2.304, 157.209

99, 5.846, 175.002

Harmonies

Complementary

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



59, 74.130, 343.911



85, 74.306, 149.417

Rectangle

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



59, 74.130, 343.911



59, 74.130, 33.911



59, 74.130, 163.911



59, 74.130, 213.911

Sweetspot

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



59, 74.126, 343.912



87, 24.789, 338.689



48, 93.788, 308.886



45, 16.933, 338.927



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, 74.126, 343.912



58, 85.877, 346.395



57, 67.735, 20.542



47, 6.647, 337.829



40, 69.348, 350.178



9, 31.160, 346.133

Inverse Universe

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



59, 74.126, 343.912



58, 85.877, 346.395



86, 46.658, 182.140



47, 6.647, 337.829



40, 69.348, 350.178



9, 31.160, 346.133

Previews

White Background



This preview shows how the CIELCh color 59, 74.130, 343.911 looks on a white background.

Color Contrast Check

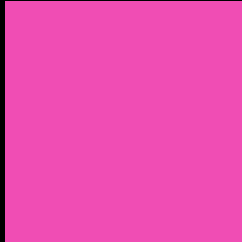
Large Text (above 18pt) WCAG AA ✓ Pass

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, 74.130, 343.911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

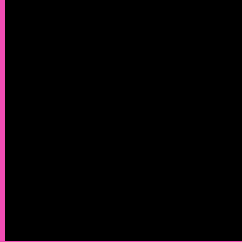
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 74.130, 343.911

Background



This preview shows how black text looks on a background with the CIELCh color 59, 74.130, 343.911.

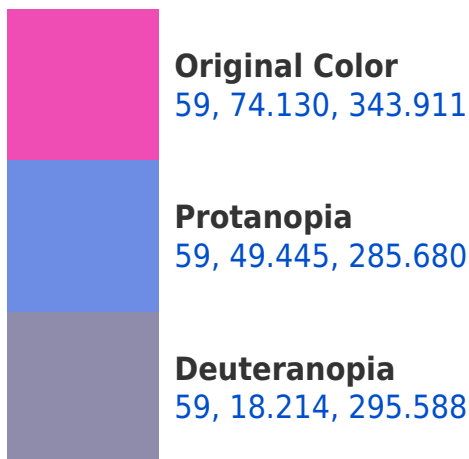


This preview shows how white text looks on a background with the CIELCh color 59, 74.130, 343.911.

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, 58.044, 23.539

Trichromacy



Original Color
59, 74.130, 343.911



Protanomaly
57, 54.562, 309.107



Deuteranomaly
57, 39.659, 328.165



Tritanomaly
59, 59.730, 6.368

Monochromacy



Original Color
59, 74.130, 343.911



Achromatopsia
57, 0.007, 296.813



Achromatomaly
56, 31.102, 339.277

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 74.130, 343.911 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(240, 77, 180)` looks like.

```
.text, #text, p{  
    color:rgb(240, 77, 180)  
}
```

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(240, 77, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 77, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 74.130, 343.911 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(240, 77, 180) }
```

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

```
.border{ border-color:rgb(240, 77, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 77, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 77, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 77, 180);  
box-shadow:4px 4px 4px 4px rgb(240, 77,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 74.130, 343.911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 77, 180) }
```

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

```
.background{ background-color: rgb(240, 77,  
180) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor