

Converting Colors

CIELCh(59, 73.654, 344.762)

Have a look what the booklet for
CIELCh(59, 73.654, 344.762)
contains.

CIELCh(59, 73.610, 344.635)	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, 73.610, 344.635)

Conversions

Conversions Part 1

Format	Color
Hex	F04DB2
RGB	240, 77, 178
RGB Percent	94%, 30%, 70%
CMY	0.0590, 0.6982, 0.3022
CMYK	0.00, 0.68, 0.26, 0.06
HSL	323°, 84%, 62%
HSV	323°, 68%, 94%
XYZ	46.5972, 27.0277, 44.8545
YIQ	137.2510, 64.7270, 65.9670

Conversions

Conversions Part 2

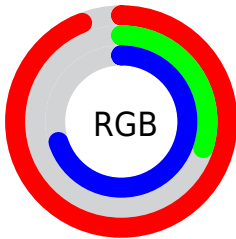
Format	Color
R _{YB}	240, 77, 178
Decimal	15748530
CIE Lab	59.00, 70.98, -19.50
CIE LCh	59, 73.610, 344.635
Yxy	27.0277, 0.3933, 0.2281
Android (android.graphics.Color)	4293938610 (0xFFFF04DB2)
YUV	137.2510, 20.0893, 90.1109
Hunter-Lab	51.9882, 69.0106, -14.7627

Details

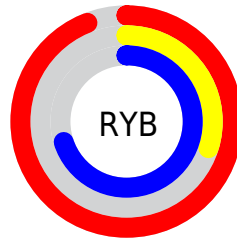
The CIELCh color **59, 73.610, 344.635** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light washed rose. A complement of this color would be **85, 73.525, 149.940**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 64.308, 332.776**, and **40, 70.848, 345.254** is the 20% darker color. If you saturate the color by 10%, you get **56, 79.645, 346.367**, and if you desaturate by 10%, it is **63, 65.323, 343.203**.

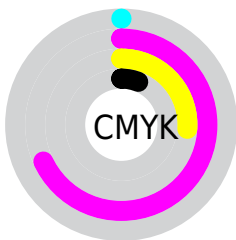
Distribution



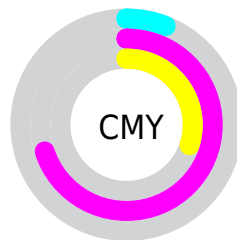
- Red (94%)
- Green (30%)
- Blue (70%)



- Red (94%)
- Yellow (30%)
- Blue (70%)



- Cyan (0%)
- Magenta (68%)
- Yellow (26%)
- Black (6%)





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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 73.610, 344.635 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, 73.610, 344.635 by changing the saturation by 10% instead.


 59, 73.610,
344.635


 59, 73.610,
344.635


 100, 73.610,
344.635


 49, 73.610,
344.635


 79, 73.610,
344.635

 39, 73.610,
344.635

 89, 73.610,
344.635

 29, 73.610,
344.635

 99, 73.610,
344.635

 19, 73.610,
344.635

 9, 73.610, 344.635

 0, 73.610, 344.635

59, 73.610,
344.635

59, 73.610,
344.635

56, 79.645,
346.367

63, 65.323,
343.203

54, 83.054,
348.508

67, 55.374,
341.983

53, 83.924,
351.164

73, 44.351,
340.916

53, 83.970,
351.753

78, 32.752,
339.961

84, 20.947,
339.089

90, 9.189, 338.270

96, 2.362, 157.759

99, 5.635, 177.757

Harmonies

Complementary

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



59, 73.610, 344.635



85, 73.525, 149.940

Rectangle

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



59, 73.610, 344.635



59, 73.610, 34.635



59, 73.610, 164.635



59, 73.610, 214.635

Sweetspot

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



59, 73.606, 344.636



87, 24.578, 339.270



48, 93.771, 308.882



45, 16.790, 339.512



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, 73.606, 344.636



58, 85.298, 347.239



57, 67.721, 20.520



47, 6.589, 338.397



40, 68.916, 351.211



9, 30.960, 346.953

Inverse Universe

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



59, 73.606, 344.636



58, 85.298, 347.239



86, 46.665, 182.147



47, 6.589, 338.397



40, 68.916, 351.211



9, 30.960, 346.953

Previews

White Background



This preview shows how the CIELCh color 59, 73.610, 344.635 looks on a white background.

Color Contrast Check

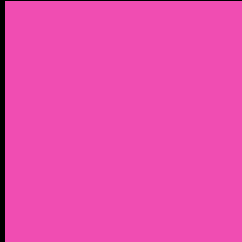
Large Text (above 18pt) WCAG AA ✓ Pass

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, 73.610, 344.635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

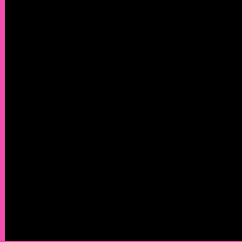
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 73.610, 344.635

Background



This preview shows how black text looks on a background with the CIELCh color 59, 73.610, 344.635.

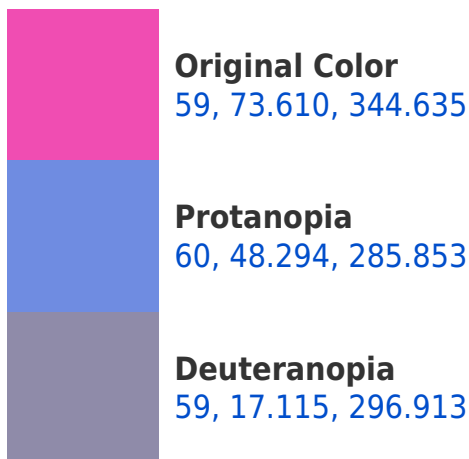


This preview shows how white text looks on a background with the CIELCh color 59, 73.610, 344.635.

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, 58.604, 24.143

Trichromacy



Original Color
59, 73.610, 344.635



Protanomaly
57, 53.556, 309.714



Deuteranomaly
57, 38.801, 329.173



Tritanomaly
59, 60.014, 7.633

Monochromacy



Original Color
59, 73.610, 344.635



Achromatopsia
57, 0.007, 296.813



Achromatomaly
56, 30.756, 340.089

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 73.610, 344.635 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, 178)` looks like.

```
.text, #text, p{  
    color:rgb(240, 77, 178)  
}
```

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, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 77, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 73.610, 344.635 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, 178) }
```

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

```
.border{ border-color:rgb(240, 77, 178) }
```

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, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 77, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 77, 178);  
box-shadow:4px 4px 4px 4px rgb(240, 77,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 73.610, 344.635 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, 178) }
```

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

```
.background{ background-color: rgb(240, 77,  
178) }
```

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