

Converting Colors

CIELCh(65, 60.007, 348.824)

Have a look what the booklet for
CIELCh(65, 60.007, 348.824)
contains.

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Color

CIELCh(65, 59.710, 348.899)

Conversions

Conversions Part 1

Format	Color
Hex	F56FB4
RGB	245, 111, 180
RGB Percent	96%, 44%, 71%
CMY	0.0395, 0.5649, 0.2944
CMYK	0.00, 0.55, 0.27, 0.04
HSL	329°, 87%, 70%
HSV	329°, 55%, 96%
XYZ	51.5405, 34.0472, 47.0012
YIQ	158.9320, 57.7150, 49.8670

Conversions

Conversions Part 2

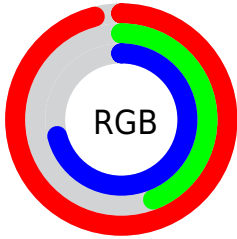
Format	Color
R _Y B	245, 111, 180
Decimal	16084916
CIE Lab	65.00, 58.59, -11.50
CIE LCh	65, 59.710, 348.899
Yxy	34.0472, 0.3887, 0.2568
Android (android.graphics.Color)	4294274996 (0xFFFF56FB4)
YUV	158.9320, 10.3865, 75.4816
Hunter-Lab	58.3500, 55.5566, -6.9134

Details

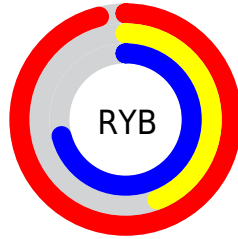
The CIELCh color **65, 59.710, 348.899** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **88, 56.815, 156.870**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 47.439, 333.395**, and **45, 59.782, 349.168** is the 20% darker color. If you saturate the color by 10%, you get **61, 68.473, 350.690**, and if you desaturate by 10%, it is **70, 49.605, 347.418**.

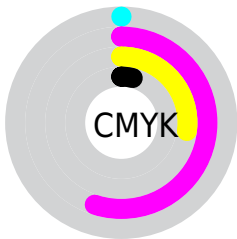
Distribution



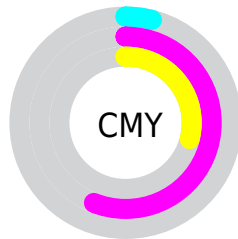
- Red (96%)
- Green (44%)
- Blue (71%)



- Red (96%)
- Yellow (44%)
- Blue (71%)



- Cyan (0%)
- Magenta (55%)
- Yellow (27%)
- Black (4%)





- Cyan (4%)
- Magenta (56%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 59.710, 348.899 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 65, 59.710, 348.899 by changing the saturation by 10% instead.

 65, 59.710,
348.899


 65, 59.710,
348.899


 100, 59.710,
348.899


 55, 59.710,
348.899


 85, 59.710,
348.899

 45, 59.710,
348.899

 95, 59.710,
348.899

 35, 59.710,
348.899

 25, 59.710,
348.899

 15, 59.710,
348.899

 5, 59.710, 348.899

 0, 59.710, 348.899

65, 59.710,
348.899

65, 59.710,
348.899

61, 68.473,
350.690

70, 49.605,
347.418

57, 75.319,
352.909

75, 38.721,
346.159

55, 79.799,
355.710

81, 27.493,
345.061

53, 81.845,
359.253

87, 16.230,
344.080

53, 82.289, 1.395

94, 5.134, 343.148

99, 4.016, 170.744

99, 3.481, 199.375

Harmonies

Complementary

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



65, 59.710, 348.899



88, 56.815, 156.870

Rectangle

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



65, 59.710, 348.899



65, 59.710, 38.899



65, 59.710, 168.899



65, 59.710, 218.899

Sweetspot

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



65, 59.707, 348.900



90, 18.271, 344.206



59, 77.060, 311.368



46, 12.360, 344.403



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



65, 59.707, 348.900



63, 71.745, 350.979



63, 56.978, 25.117



48, 6.234, 343.599



40, 67.078, 0.612



9, 30.403, 354.745

Inverse Universe

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



65, 59.707, 348.900



63, 71.745, 350.979



89, 38.370, 195.233



48, 6.234, 343.599



40, 67.078, 0.612



9, 30.403, 354.745

Previews

White Background



This preview shows how the CIELCh color 65, 59.710, 348.899 looks on a white background.

Color Contrast Check

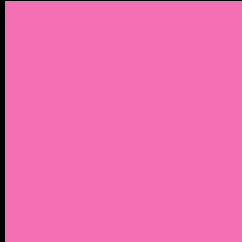
Large Text (above 18pt) WCAG AA × Fail

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 65, 59.710, 348.899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

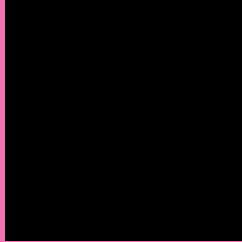
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 59.710, 348.899

Background



This preview shows how black text looks on a background with the CIELCh color 65, 59.710, 348.899.

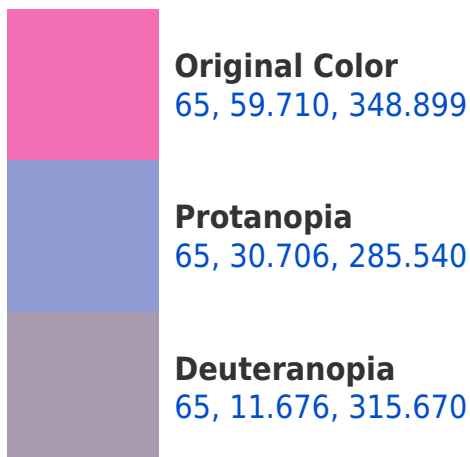


This preview shows how white text looks on a background with the CIELCh color 65, 59.710, 348.899.

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
65, 49.365, 19.617

Trichromacy



Original Color
65, 59.710, 348.899



Protanomaly
64, 36.355, 315.951



Deuteranomaly
64, 29.895, 337.849



Tritanomaly
65, 51.376, 7.026

Monochromacy



Original Color
65, 59.710, 348.899



Achromatopsia
65, 0.008, 296.813



Achromatomaly
64, 22.962, 344.754

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 59.710, 348.899 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(245, 111, 180)` looks like.

```
.text, #text, p{  
    color:rgb(245, 111, 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(245, 111, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 111, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 59.710, 348.899 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(245, 111, 180) }
```

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

```
.border{ border-color:rgb(245, 111, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 111, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 111, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 111, 180);  
box-shadow:4px 4px 4px 4px rgb(245, 111,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 59.710, 348.899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 111, 180) }
```

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

```
.background{ background-color: rgb(245,  
111, 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](#).

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