

Converting Colors

CIELCh(76, 74.414, 0.377)

Have a look what the booklet for
CIELCh(76, 74.414, 0.377) contains.

CIELCh(68, 59.800, 348.873)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(68, 59.800, 348.873)

Conversions

Conversions Part 1

Format	Color
Hex	FE77BC
RGB	254, 119, 188
RGB Percent	100%, 47%, 74%
CMY	0.0035, 0.5326, 0.2619
CMYK	0.00, 0.53, 0.26, 0.00
HSL	329°, 99%, 73%
HSV	329°, 53%, 100%
XYZ	56.6350, 37.9720, 52.0372
YIQ	167.2310, 58.3110, 50.0790

Conversions

Conversions Part 2

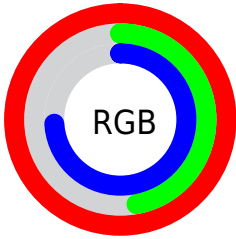
Format	Color
R_{YB}	254, 119, 188
Decimal	16676796
CIE _{Lab}	68.00, 58.68, -11.54
CIE _{LCh}	68, 59.800, 348.873
Yxy	37.9720, 0.3862, 0.2589
Android (android.graphics.Color)	4294866876 (0xFFFE77BC)
YUV	167.2310, 10.2391, 76.0964
Hunter-Lab	61.6215, 56.2181, -6.9334

Details

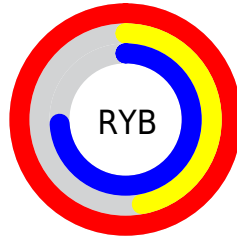
The CIELCh color **68, 59.800, 348.873** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **91, 56.829, 157.269**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **81, 45.596, 330.350**, and **48, 59.659, 348.773** is the 20% darker color. If you saturate the color by 10%, you get **63, 69.068, 350.629**, and if you desaturate by 10%, it is **73, 49.244, 347.418**.

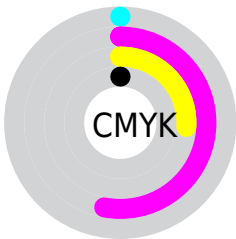
Distribution



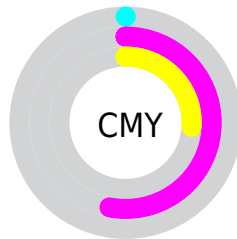
- Red (100%)
- Green (47%)
- Blue (74%)



- Red (100%)
- Yellow (47%)
- Blue (74%)



- Cyan (0%)
- Magenta (53%)
- Yellow (26%)
- Black (0%)





- Cyan (0%)
- Magenta (53%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 59.800, 348.873 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 68, 59.800, 348.873 by changing the saturation by 10% instead.


 68, 59.800,
348.873


 68, 59.800,
348.873


 100, 59.800,
348.873


 58, 59.800,
348.873


 88, 59.800,
348.873

 48, 59.800,
348.873

 98, 59.800,
348.873

 38, 59.800,
348.873

 28, 59.800,
348.873

 18, 59.800,
348.873

 8, 59.800, 348.873

 0, 59.800, 348.873

68, 59.800,
348.873

68, 59.800,
348.873

63, 69.068,
350.629

73, 49.244,
347.418

60, 76.452,
352.799

79, 37.966,
346.176

57, 81.450,
355.536

85, 26.395,
345.092

55, 83.925,
359.005

91, 14.831,
344.120

55, 84.551, 1.821

98, 3.465, 343.152

100, 0.306,
201.551

Harmonies

Complementary

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



68, 59.800, 348.873



91, 56.829, 157.269

Rectangle

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



68, 59.800, 348.873



68, 59.800, 38.873



68, 59.800, 168.873



68, 59.800, 218.873

Sweetspot

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



68, 59.796, 348.874



90, 18.230, 344.394



62, 77.049, 311.290



46, 12.332, 344.591



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



68, 59.796, 348.874



63, 70.018, 350.809



66, 56.776, 24.757



50, 6.432, 343.788



41, 68.383, 1.024



10, 31.982, 355.604

Inverse Universe

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



68, 59.796, 348.874



63, 70.018, 350.809



93, 38.708, 195.294



50, 6.432, 343.788



41, 68.383, 1.024



10, 31.982, 355.604

Previews

White Background



This preview shows how the CIELCh color 68, 59.800, 348.873 looks on a white background.

Color Contrast Check

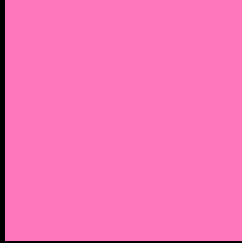
Large Text (above 18pt) WCAG AA × Fail

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 68, 59.800, 348.873 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 68, 59.800, 348.873

Background



This preview shows how black text looks on a background with the CIELCh color 68, 59.800, 348.873.

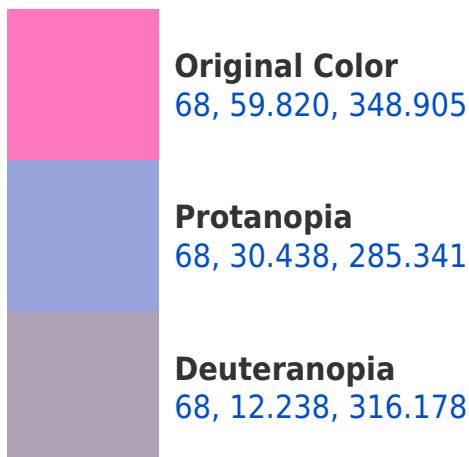


This preview shows how white text looks on a background with the CIELCh color 68, 59.800, 348.873.

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
68, 49.627, 18.856

Trichromacy



Original Color
68, 59.820, 348.905



Protanomaly
67, 36.064, 315.904



Deuteranomaly
67, 29.931, 338.312



Tritanomaly
68, 51.459, 6.269

Monochromacy



Original Color
68, 59.820, 348.905



Achromatopsia
68, 0.008, 296.813



Achromatomaly
67, 23.077, 345.283

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 59.800, 348.873 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, 119, 188)` looks like.

```
.text, #text, p{  
    color:rgb(254, 119, 188)  
}
```

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, 119, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 119, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 59.800, 348.873 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, 119, 188) }
```

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

```
.border{ border-color:rgb(254, 119, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 119, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 119, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 119, 188);  
box-shadow:4px 4px 4px 4px rgb(254, 119,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 59.800, 348.873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 119, 188) }
```

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

```
.background{ background-color: rgb(254,  
119, 188) }
```

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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