

Converting Colors

CIELCh(69, 58.044, 350.444)

Have a look what the booklet for
CIELCh(69, 58.044, 350.444)
contains.

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Color

CIELCh(69, 58.055, 349.853)

Conversions

Conversions Part 1

Format	Color
Hex	FF7CBD
RGB	255, 124, 189
RGB Percent	100%, 49%, 74%
CMY	0.0000, 0.5154, 0.2605
CMYK	0.00, 0.52, 0.26, 0.00
HSL	330°, 100%, 74%
HSV	330°, 52%, 100%
XYZ	57.7656, 39.3444, 52.4491
YIQ	170.5790, 57.2110, 47.9870

Conversions

Conversions Part 2

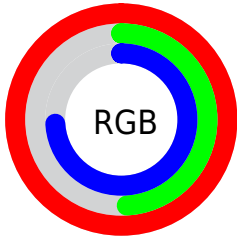
Format	Color
R _Y B	255, 124, 189
Decimal	16743613
CIE Lab	69.00, 57.15, -10.23
CIE LCh	69, 58.055, 349.853
Yxy	39.3444, 0.3862, 0.2631
Android (android.graphics.Color)	4294933693 (0xFFFF7CBD)
YUV	170.5790, 9.0816, 74.0372
Hunter-Lab	62.7251, 54.6176, -5.6692

Details

The CIELCh color **69, 58.055, 349.853** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **91, 54.690, 158.364**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **82, 42.906, 330.087**, and **49, 57.942, 349.254** is the 20% darker color. If you saturate the color by 10%, you get **64, 67.393, 351.454**, and if you desaturate by 10%, it is **74, 47.211, 348.218**.

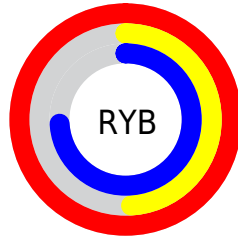
Distribution



Red (100%)

Green (49%)

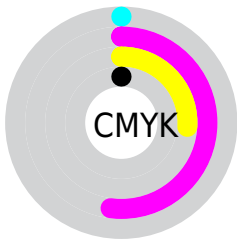
Blue (74%)



Red (100%)

Yellow (49%)

Blue (74%)

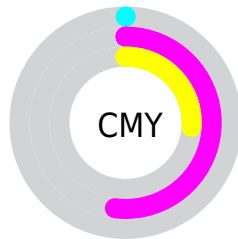


Cyan (0%)

Magenta (52%)

Yellow (26%)

Black (0%)



Cyan (0%)


Magenta (52%)


Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 58.055, 349.853 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 69, 58.055, 349.853 by changing the saturation by 10% instead.

 69, 58.055,
349.853


 69, 58.055,
349.853


 100, 58.055,
349.853


 59, 58.055,
349.853


 89, 58.055,
349.853

 49, 58.055,
349.853

 99, 58.055,
349.853

 39, 58.055,
349.853

 29, 58.055,
349.853

 19, 58.055,
349.853

 9, 58.055, 349.853

 0, 58.055, 349.853

69, 58.055,
349.853

69, 58.055,
349.853

64, 67.393,
351.454

74, 47.211,
348.218

60, 75.138,
353.643

80, 35.913,
346.969

58, 80.597,
356.405

86, 24.395,
345.878

56, 83.569,
359.911

92, 12.935,
344.899

55, 84.573, 3.480

99, 1.706, 343.787

100, 0.012,
296.813

Harmonies

Complementary

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



69, 58.055, 349.853



91, 54.690, 158.364

Rectangle

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



69, 58.055, 349.853



69, 58.055, 39.853



69, 58.055, 169.853



69, 58.055, 219.853

Sweetspot

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



69, 57.883, 349.685



90, 16.886, 345.229



64, 75.059, 311.714



47, 11.546, 345.434



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 57.883, 349.685



64, 67.796, 351.545



67, 55.384, 25.583



50, 6.359, 344.709



41, 68.192, 2.637



10, 31.818, 356.952

Inverse Universe

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



69, 57.883, 349.685



64, 67.796, 351.545



93, 37.773, 197.104



50, 6.359, 344.709



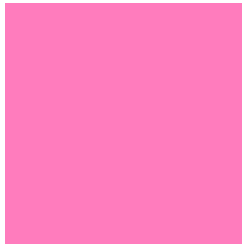
41, 68.192, 2.637



10, 31.818, 356.952

Previews

White Background



This preview shows how the CIELCh color 69, 58.055, 349.853 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 69, 58.055, 349.853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

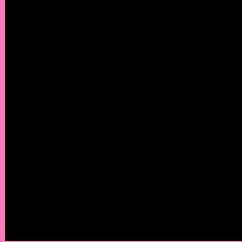
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 58.055, 349.853

Background



This preview shows how black text looks on a background with the CIELCh color 69, 58.055, 349.853.



This preview shows how white text looks on a background with the CIELCh color 69, 58.055, 349.853.

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
69, 48.202, 18.402

Trichromacy



Original Color
69, 57.764, 349.554



Protanomaly
68, 33.993, 317.338



Deuteranomaly
68, 28.832, 340.737



Tritanomaly
69, 49.712, 6.488

Monochromacy



Original Color
69, 57.764, 349.554



Achromatopsia
70, 0.009, 296.813



Achromatomaly
68, 22.410, 345.778

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 58.055, 349.853 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, 124, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 124, 189)  
}
```

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, 124, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 124, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 58.055, 349.853 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, 124, 189) }
```

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

```
.border{ border-color:rgb(255, 124, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 124, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 124, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 124, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 124,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 58.055, 349.853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 124, 189) }
```

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

```
.background{ background-color: rgb(255,  
124, 189) }
```

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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