

Converting Colors

CIELCh(69, 58.728, 348.366)

Have a look what the booklet for
CIELCh(69, 58.728, 348.366)
contains.

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Color

CIELCh(69, 58.731, 348.441)

Conversions

Conversions Part 1

Format	Color
Hex	FF7BBF
RGB	255, 123, 191
RGB Percent	100%, 48%, 75%
CMY	0.0000, 0.5164, 0.2498
CMYK	0.00, 0.52, 0.25, 0.00
HSL	329°, 100%, 74%
HSV	329°, 52%, 100%
XYZ	57.9265, 39.3444, 54.0105
YIQ	170.2200, 56.8440, 49.1320

Conversions

Conversions Part 2

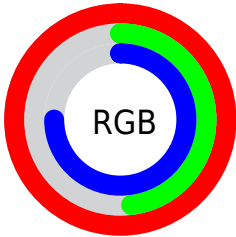
Format	Color
RYB	255, 123, 191
Decimal	16743359
CIELab	69.00, 57.54, -11.77
CIElCh	69, 58.731, 348.441
Yxy	39.3444, 0.3829, 0.2601
Android (android.graphics.Color)	4294933439 (0xFFFF7BBF)
YUV	170.2200, 10.2445, 74.3521
Hunter-Lab	62.7251, 55.0755, -7.1450

Details

The CIELCh color **69, 58.731, 348.441** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **91, 55.831, 157.237**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **82, 44.316, 329.191**, and **49, 58.844, 348.111** is the 20% darker color. If you saturate the color by 10%, you get **64, 68.168, 350.036**, and if you desaturate by 10%, it is **74, 47.902, 346.942**.

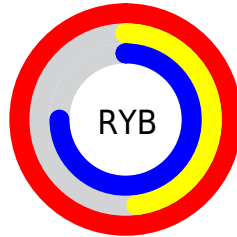
Distribution



Red (100%)

Green (48%)

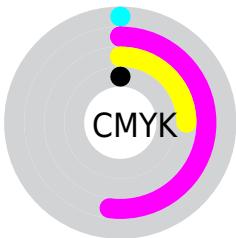
Blue (75%)



Red (100%)

Yellow (48%)

Blue (75%)

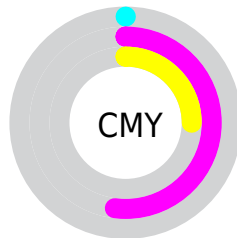


Cyan (0%)

Magenta (52%)

Yellow (25%)

Black (0%)



Cyan (0%)

Magenta (52%)

Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 58.731, 348.441 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, 58.731, 348.441 by changing the saturation by 10% instead.

 69, 58.731,
348.441

 69, 58.731,
348.441

 100, 58.731,
348.441

 59, 58.731,
348.441

 89, 58.731,
348.441

 49, 58.731,
348.441

 99, 58.731,
348.441

 39, 58.731,
348.441

 29, 58.731,
348.441

 19, 58.731,
348.441

 9, 58.731, 348.441

 0, 58.731, 348.441

69, 58.731,
348.441

69, 58.731,
348.441

64, 68.168,
350.036

74, 47.902,
346.942

61, 75.880,
352.112

80, 36.502,
345.736

58, 81.243,
354.722

86, 24.853,
344.678

56, 84.047,
358.031

92, 13.242,
343.724

55, 84.845, 1.360

99, 1.847, 342.655

100, 0.012,
296.813

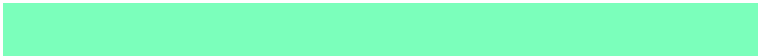
Harmonies

Complementary

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



69, 58.731, 348.441



91, 55.831, 157.237

Rectangle

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



69, 58.731, 348.441



69, 58.731, 38.441



69, 58.731, 168.441



69, 58.731, 218.441

Sweetspot

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



69, 58.638, 348.349



90, 17.128, 344.036



63, 75.129, 311.213



47, 11.710, 344.236



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, 58.638, 348.349



64, 68.482, 350.103



67, 55.181, 24.424



50, 6.453, 343.528



41, 68.449, 0.565



10, 32.032, 355.222

Inverse Universe

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



69, 58.638, 348.349



64, 68.482, 350.103



93, 38.067, 195.353



50, 6.453, 343.528



41, 68.449, 0.565



10, 32.032, 355.222

Previews

White Background



This preview shows how the CIELCh color 69, 58.731, 348.441 looks on a white background.

Color Contrast Check

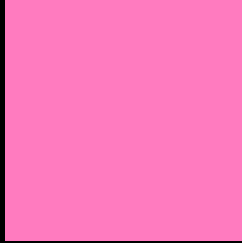
Large Text (above 18pt) WCAG AA × Fail

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, 58.731, 348.441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

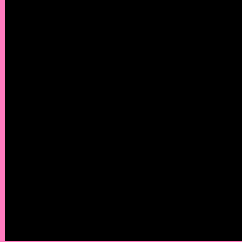
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 58.731, 348.441

Background



This preview shows how black text looks on a background with the CIELCh color 69, 58.731, 348.441.



This preview shows how white text looks on a background with the CIELCh color 69, 58.731, 348.441.

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



Original Color

69, 58.731, 348.441

Protanopia

69, 29.803, 285.053

Deuteranopia

69, 12.695, 315.125



Tritanopia
69, 47.801, 18.301

Trichromacy



Original Color
69, 58.731, 348.441



Protanomaly
68, 35.464, 316.232



Deuteranomaly
68, 29.591, 337.728



Tritanomaly
69, 50.228, 5.502

Monochromacy



Original Color
69, 58.731, 348.441



Achromatopsia
70, 0.009, 296.813



Achromatomaly
68, 22.705, 344.624

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 58.731, 348.441 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, 123, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 123, 191)  
}
```

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, 123, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 123, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 58.731, 348.441 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, 123, 191) }
```

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

```
.border{ border-color:rgb(255, 123, 191) }
```

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

Here you see how a box with a 4 pixel rgb(255, 123, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 123, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 123, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 123,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 58.731, 348.441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 123, 191) }
```

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

```
.background{ background-color: rgb(255,  
123, 191) }
```

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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