

Converting Colors

CIELCh(70, 56.690, 348.614)

Have a look what the booklet for
CIELCh(70, 56.690, 348.614)
contains.

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Color

CIELCh(70, 56.606, 348.347)

Conversions

Conversions Part 1

Format	Color
Hex	FF80C1
RGB	255, 128, 193
RGB Percent	100%, 50%, 76%
CMY	0.0000, 0.4965, 0.2416
CMYK	0.00, 0.50, 0.24, 0.00
HSL	329°, 100%, 75%
HSV	329°, 50%, 100%
XYZ	58.8371, 40.7494, 55.4449
YIQ	173.3830, 54.8270, 47.1390

Conversions

Conversions Part 2

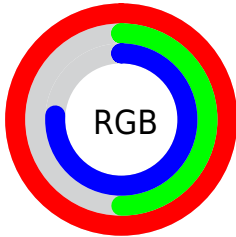
Format	Color
R_{YB}	255, 128, 193
Decimal	16744641
CIE _{Lab}	70.00, 55.44, -11.43
CIE _{LCh}	70, 56.606, 348.347
Yxy	40.7494, 0.3795, 0.2628
Android (android.graphics.Color)	4294934721 (0xFFFF80C1)
YUV	173.3830, 9.6712, 71.5781
Hunter-Lab	63.8353, 52.8122, -6.8123

Details

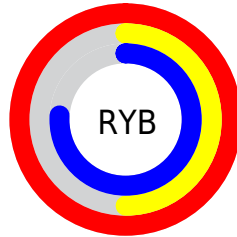
The CIELCh color **70, 56.606, 348.347** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **92, 53.755, 157.672**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **83, 42.021, 328.421**, and **50, 56.343, 348.443** is the 20% darker color. If you saturate the color by 10%, you get **65, 66.301, 349.864**, and if you desaturate by 10%, it is **75, 45.593, 346.860**.

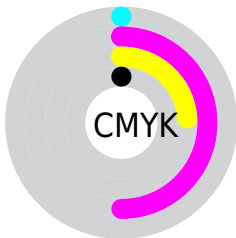
Distribution



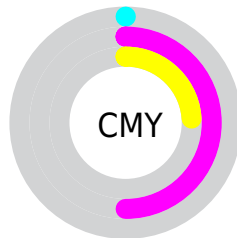
- Red (100%)
- Green (50%)
- Blue (76%)



- Red (100%)
- Yellow (50%)
- Blue (76%)



- Cyan (0%)
- Magenta (50%)
- Yellow (24%)
- Black (0%)





- Cyan (0%)
- Magenta (50%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 56.606, 348.347 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 70, 56.606, 348.347 by changing the saturation by 10% instead.


 70, 56.606,
348.347


 70, 56.606,
348.347


 100, 56.606,
348.347


 60, 56.606,
348.347


 90, 56.606,
348.347

 50, 56.606,
348.347

 40, 56.606,
348.347

 30, 56.606,
348.347

 20, 56.606,
348.347

 10, 56.606,
348.347

 0, 56.606, 348.347

70, 56.606,
348.347

70, 56.606,
348.347

65, 66.301,
349.864

75, 45.593,
346.860

61, 74.422,
351.867

81, 34.130,
345.681

58, 80.290,
354.378

87, 22.489,
344.643

56, 83.612,
357.562

94, 10.931,
343.700

55, 84.768, 1.502

100, 0.012,
296.813

55, 84.800, 1.646

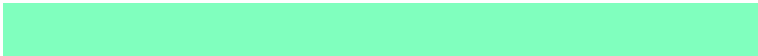
Harmonies

Complementary

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



70, 56.606, 348.347



92, 53.755, 157.672

Rectangle

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



70, 56.606, 348.347



70, 56.606, 38.347



70, 56.606, 168.347



70, 56.606, 218.347

Sweetspot

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



70, 56.489, 348.229



90, 17.095, 344.196



65, 72.189, 311.105



47, 11.687, 344.396



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 56.489, 348.229



65, 66.619, 349.927



68, 52.782, 23.984



50, 6.440, 343.687



41, 68.408, 0.845



10, 32.001, 355.455

Inverse Universe

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



70, 56.489, 348.229



65, 66.619, 349.927



93, 37.007, 195.436



50, 6.440, 343.687



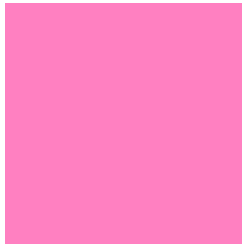
41, 68.408, 0.845



10, 32.001, 355.455

Previews

White Background



This preview shows how the CIELCh color 70, 56.606, 348.347 looks on a white background.

Color Contrast Check

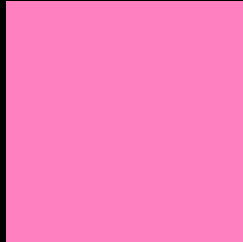
Large Text (above 18pt) WCAG AA × Fail

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 70, 56.606, 348.347 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 70, 56.606, 348.347

Background



This preview shows how black text looks on a background with the CIELCh color 70, 56.606, 348.347.



This preview shows how white text looks on a background with the CIELCh color 70, 56.606, 348.347.

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
70, 56.606, 348.347

Protanopia
70, 28.598, 285.808

Deuteranopia
70, 12.160, 316.163



Tritanopia
70, 45.930, 17.708

Trichromacy



Original Color
70, 56.606, 348.347



Protanomaly
69, 34.252, 316.384



Deuteranomaly
69, 28.265, 338.175



Tritanomaly
70, 47.709, 5.285

Monochromacy



Original Color
70, 56.606, 348.347



Achromatopsia
71, 0.009, 296.813



Achromatomaly
70, 21.715, 344.455

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 56.606, 348.347 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, 128, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 128, 193)  
}
```

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, 128, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 128, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 56.606, 348.347 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, 128, 193) }
```

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

```
.border{ border-color:rgb(255, 128, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 128, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 128, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 128, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 128,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 56.606, 348.347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 128, 193) }
```

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

```
.background{ background-color: rgb(255,  
128, 193) }
```

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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