

Converting Colors

CIELCh(70, 58.315, 345.557)

Have a look what the booklet for
CIELCh(70, 58.315, 345.557)
contains.

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Color

CIELCh(70, 58.094, 345.553)

Conversions

Conversions Part 1

Format	Color
Hex	FF80C7
RGB	255, 128, 199
RGB Percent	100%, 50%, 78%
CMY	0.0006, 0.4986, 0.2202
CMYK	0.00, 0.50, 0.22, 0.00
HSL	326°, 100%, 75%
HSV	326°, 50%, 100%
XYZ	59.1765, 40.7494, 58.6933
YIQ	174.0670, 52.9010, 49.0050

Conversions

Conversions Part 2

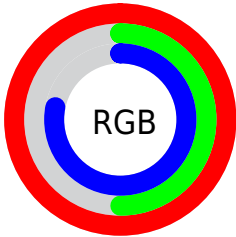
Format	Color
R_{YB}	255, 128, 199
Decimal	16744647
CIE _{Lab}	70.00, 56.26, -14.49
CIE _{LCh}	70, 58.094, 345.553
Yxy	40.7494, 0.3731, 0.2569
Android (android.graphics.Color)	4294934727 (0xFFFF80C7)
YUV	174.0670, 12.2920, 70.9782
Hunter-Lab	63.8353, 53.7611, -9.8295

Details

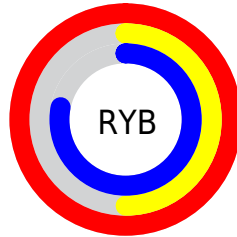
The CIELCh color **70, 58.094, 345.553** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **91, 56.042, 155.428**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **83, 44.490, 325.965**, and **50, 58.060, 345.752** is the 20% darker color. If you saturate the color by 10%, you get **65, 67.995, 347.026**, and if you desaturate by 10%, it is **75, 47.017, 344.302**.

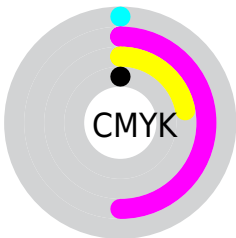
Distribution



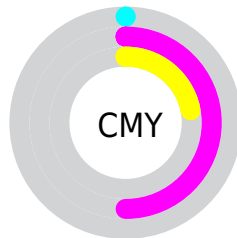
- Red (100%)
- Green (50%)
- Blue (78%)



- Red (100%)
- Yellow (50%)
- Blue (78%)



- Cyan (0%)
- Magenta (50%)
- Yellow (22%)
- Black (0%)





- Cyan (0%)
- Magenta (50%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 58.094, 345.553 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, 58.094, 345.553 by changing the saturation by 10% instead.


 70, 58.094,
345.553


 70, 58.094,
345.553


 100, 58.094,
345.553


 60, 58.094,
345.553


 90, 58.094,
345.553

 50, 58.094,
345.553

 40, 58.094,
345.553

 30, 58.094,
345.553

 20, 58.094,
345.553

 10, 58.094,
345.553

 0, 58.094, 345.553

70, 58.094,
345.553

70, 58.094,
345.553

65, 67.995,
347.026

75, 47.017,
344.302

61, 76.111,
348.807

81, 35.311,
343.210

58, 81.863,
351.017

87, 23.374,
342.237

56, 84.940,
353.801

94, 11.482,
341.344

55, 85.716,
357.240

100, 0.053,
211.911

55, 85.724,
357.303

Harmonies

Complementary

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



70, 58.094, 345.553



91, 56.042, 155.428

Rectangle

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



70, 58.094, 345.553



70, 58.094, 35.553



70, 58.094, 165.553



70, 58.094, 215.553

Sweetspot

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



70, 58.091, 345.554



90, 17.625, 341.798



64, 72.179, 309.593



47, 12.046, 341.988



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, 58.091, 345.554



65, 68.187, 347.055



68, 52.230, 20.373



50, 6.645, 341.315



41, 69.249, 356.606



11, 32.548, 351.941

Inverse Universe

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



70, 58.091, 345.554



65, 68.187, 347.055



93, 37.942, 190.384



50, 6.645, 341.315



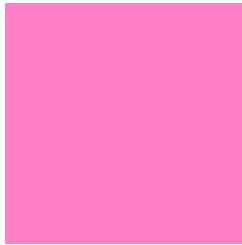
41, 69.249, 356.606



11, 32.548, 351.941

Previews

White Background



This preview shows how the CIELCh color 70, 58.094, 345.553 looks on a white background.

Color Contrast Check

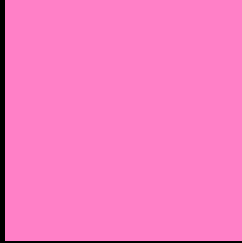
Large Text (above 18pt) WCAG AA × Fail

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, 58.094, 345.553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

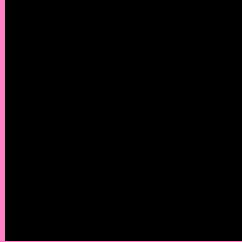
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 58.094, 345.553

Background



This preview shows how black text looks on a background with the CIELCh color 70, 58.094, 345.553.



This preview shows how white text looks on a background with the CIELCh color 70, 58.094, 345.553.

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
70, 45.530, 17.602

Trichromacy



Original Color
70, 58.094, 345.553



Protanomaly
69, 37.004, 313.351



Deuteranomaly
69, 29.621, 333.148



Tritanomaly
70, 48.253, 4.265

Monochromacy



Original Color
70, 58.094, 345.553



Achromatopsia
71, 0.009, 296.813



Achromatomaly
70, 22.337, 342.159

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 58.094, 345.553 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, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 128, 199)  
}
```

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, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 128, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 58.094, 345.553 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, 199) }
```

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

```
.border{ border-color:rgb(255, 128, 199) }
```

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, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 128, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 128, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 128,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 58.094, 345.553 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, 199) }
```

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

```
.background{ background-color: rgb(255,  
128, 199) }
```

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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