

Converting Colors

CIELCh(70, 57.545, 344.144)

Have a look what the booklet for
CIELCh(70, 57.545, 344.144)
contains.

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Color

CIELCh(70, 57.608, 344.229)

Conversions

Conversions Part 1

Format	Color
Hex	FD81C9
RGB	253, 129, 201
RGB Percent	99%, 51%, 79%
CMY	0.0083, 0.4945, 0.2122
CMYK	0.00, 0.49, 0.21, 0.01
HSL	325°, 97%, 75%
HSV	325°, 49%, 99%
XYZ	58.8372, 40.7494, 59.9614
YIQ	174.2840, 50.7920, 48.6800

Conversions

Conversions Part 2

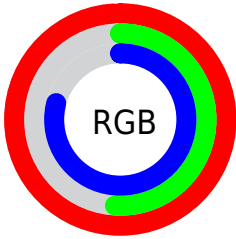
Format	Color
R_{YB}	253, 129, 201
Decimal	16613833
CIE _{Lab}	70.00, 55.44, -15.66
CIE _{LCh}	70, 57.608, 344.229
Yxy	40.7494, 0.3688, 0.2554
Android (android.graphics.Color)	4294803913 (0xFFFD81C9)
YUV	174.2840, 13.1710, 69.0339
Hunter-Lab	63.8353, 52.8123, -11.0073

Details

The CIELCh color **70, 57.608, 344.229** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **91, 55.881, 154.550**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **84, 43.869, 325.944**, and **50, 57.690, 344.269** is the 20% darker color. If you saturate the color by 10%, you get **65, 67.642, 345.606**, and if you desaturate by 10%, it is **75, 46.423, 343.048**.

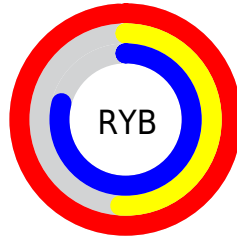
Distribution



Red (99%)

Green (51%)

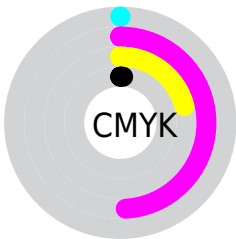
Blue (79%)



Red (99%)

Yellow (51%)

Blue (79%)

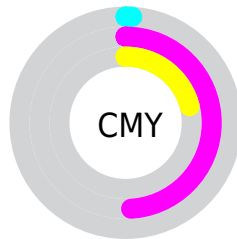


Cyan (0%)

Magenta (49%)

Yellow (21%)

Black (1%)



Cyan (1%)


Magenta (49%)


Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 57.608, 344.229 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, 57.608, 344.229 by changing the saturation by 10% instead.


 70, 57.608,
344.229

 70, 57.608,
344.229


 100, 57.608,
344.229

 60, 57.608,
344.229


 90, 57.608,
344.229

 50, 57.608,
344.229

 40, 57.608,
344.229

 30, 57.608,
344.229

 20, 57.608,
344.229

 10, 57.608,
344.229

 0, 57.608, 344.229

70, 57.608,
344.229

70, 57.608,
344.229

65, 67.642,
345.606

75, 46.423,
343.048

61, 75.917,
347.254

81, 34.624,
342.008

58, 81.842,
349.282

87, 22.604,
341.073

56, 85.069,
351.824

93, 10.632,
340.208

55, 85.843,
354.979

100, 0.913,
163.577

55, 85.876,
355.304

100, 0.732,
200.264

Harmonies

Complementary

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



70, 57.608, 344.229



91, 55.881, 154.550

Rectangle

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



70, 57.608, 344.229



70, 57.608, 34.229



70, 57.608, 164.229



70, 57.608, 214.229

Sweetspot

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



70, 57.605, 344.230



90, 17.886, 340.719



64, 70.471, 309.035



47, 12.223, 340.903



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, 57.605, 344.230



66, 68.068, 345.606



68, 50.802, 18.949



50, 6.745, 340.249



42, 69.794, 354.672



11, 32.853, 350.348

Inverse Universe

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



70, 57.605, 344.230



66, 68.068, 345.606



92, 37.586, 188.820



50, 6.745, 340.249



42, 69.794, 354.672



11, 32.853, 350.348

Previews

White Background



This preview shows how the CIELCh color 70, 57.608, 344.229 looks on a white background.

Color Contrast Check

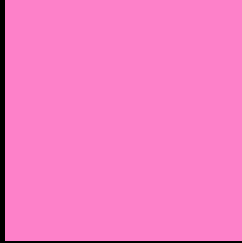
Large Text (above 18pt) WCAG AA × Fail

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, 57.608, 344.229 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, 57.608, 344.229

Background



This preview shows how black text looks on a background with the CIELCh color 70, 57.608, 344.229.



This preview shows how white text looks on a background with the CIELCh color 70, 57.608, 344.229.

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, 57.608, 344.229

Protanopia
70, 32.997, 285.695

Deuteranopia
70, 15.294, 305.165



Tritanopia
70, 44.227, 16.551

Trichromacy



Original Color
70, 57.608, 344.229



Protanomaly
69, 38.014, 312.793



Deuteranomaly
69, 30.592, 330.504



Tritanomaly
70, 47.342, 2.291

Monochromacy



Original Color
70, 57.608, 344.229



Achromatopsia
71, 0.009, 296.813



Achromatomaly
70, 22.029, 341.476

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 57.608, 344.229 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(253, 129, 201)` looks like.

```
.text, #text, p{  
    color:rgb(253, 129, 201)  
}
```

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(253, 129, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 129, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 57.608, 344.229 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(253, 129, 201) }
```

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

```
.border{ border-color:rgb(253, 129, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 129, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 129, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 129, 201);  
box-shadow:4px 4px 4px 4px rgb(253, 129,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 57.608, 344.229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 129, 201) }
```

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

```
.background{ background-color: rgb(253,  
129, 201) }
```

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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