

Converting Colors

CIELCh(70, 54.930, 345.826)

Have a look what the booklet for
CIELCh(70, 54.930, 345.826)
contains.

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Color

CIELCh(70, 54.963, 345.800)

Conversions

Conversions Part 1

Format	Color
Hex	FB83C5
RGB	251, 131, 197
RGB Percent	98%, 51%, 77%
CMY	0.0159, 0.4864, 0.2276
CMYK	0.00, 0.48, 0.22, 0.02
HSL	327°, 94%, 75%
HSV	327°, 48%, 98%
XYZ	57.9487, 40.7494, 57.6067
YIQ	174.4040, 50.3340, 45.9660

Conversions

Conversions Part 2

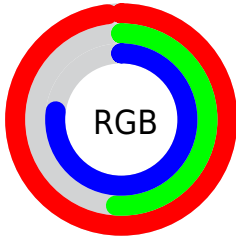
Format	Color
R_{YB}	251, 131, 197
Decimal	16483269
CIE _{Lab}	70.00, 53.28, -13.48
CIE _{LCh}	70, 54.963, 345.800
Yxy	40.7494, 0.3707, 0.2607
Android (android.graphics.Color)	4294673349 (0xFFFB83C5)
YUV	174.4040, 11.1398, 67.1747
Hunter-Lab	63.8353, 50.3280, -8.8202

Details

The CIELCh color **70, 54.963, 345.800** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **90, 52.896, 156.142**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **84, 42.208, 326.306**, and **50, 54.696, 345.988** is the 20% darker color. If you saturate the color by 10%, you get **65, 64.996, 347.251**, and if you desaturate by 10%, it is **75, 43.901, 344.565**.

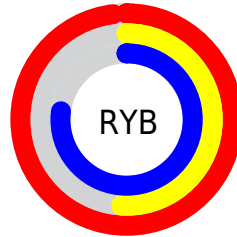
Distribution



Red (98%)

Green (51%)

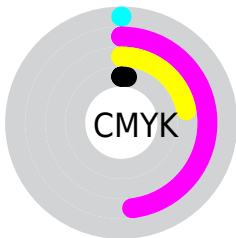
Blue (77%)



Red (98%)

Yellow (51%)

Blue (77%)

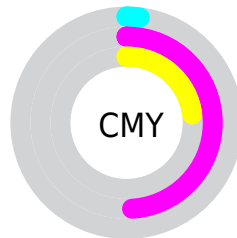


Cyan (0%)

Magenta (48%)

Yellow (22%)

Black (2%)



Cyan (2%)


Magenta (49%)

Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 54.963, 345.800 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, 54.963, 345.800 by changing the saturation by 10% instead.

 70, 54.963,
345.800

 70, 54.963,
345.800


 100, 54.963,
345.800


 60, 54.963,
345.800


 90, 54.963,
345.800

 50, 54.963,
345.800

 40, 54.963,
345.800

 30, 54.963,
345.800

 20, 54.963,
345.800

 10, 54.963,
345.800

 0, 54.963, 345.800

70, 54.963,
345.800

70, 54.963,
345.800

65, 64.996,
347.251

75, 43.901,
344.565

61, 73.412,
349.001

81, 32.320,
343.484

58, 79.617,
351.166

87, 20.585,
342.518

56, 83.234,
353.894

94, 8.942, 341.625

55, 84.387,
357.314

100, 1.626,
170.201

54, 84.504,
358.119

100, 1.406,
199.787

Harmonies

Complementary

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



70, 54.963, 345.800



90, 52.896, 156.142

Rectangle

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



70, 54.963, 345.800



70, 54.963, 35.800



70, 54.963, 165.800



70, 54.963, 215.800

Sweetspot

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



70, 54.960, 345.801



91, 16.334, 342.174



65, 68.395, 309.975



47, 11.299, 342.368



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, 54.960, 345.801



67, 65.061, 347.131



68, 49.467, 21.157



49, 6.494, 341.774



41, 68.368, 357.397



10, 31.617, 352.373

Inverse Universe

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



70, 54.960, 345.801



67, 65.061, 347.131



92, 36.038, 192.166



49, 6.494, 341.774



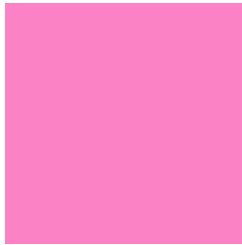
41, 68.368, 357.397



10, 31.617, 352.373

Previews

White Background



This preview shows how the CIELCh color 70, 54.963, 345.800 looks on a white background.

Color Contrast Check

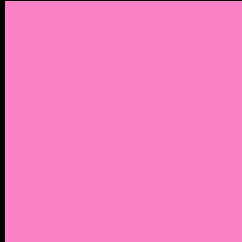
Large Text (above 18pt) WCAG AA × Fail

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, 54.963, 345.800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

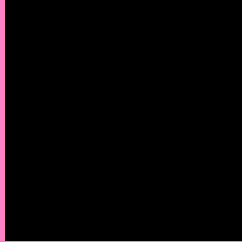
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 54.963, 345.800

Background



This preview shows how black text looks on a background with the CIELCh color 70, 54.963, 345.800.



This preview shows how white text looks on a background with the CIELCh color 70, 54.963, 345.800.

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, 42.979, 16.163

Trichromacy



Original Color
70, 54.963, 345.800

Protanomaly
69, 34.199, 313.786

Deuteranomaly
69, 28.354, 333.428

Tritanomaly
70, 45.570, 3.249

Monochromacy



Original Color
70, 54.963, 345.800

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 21.099, 343.102

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 54.963, 345.800 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(251, 131, 197)` looks like.

```
.text, #text, p{  
    color:rgb(251, 131, 197)  
}
```

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(251, 131, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 131, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 54.963, 345.800 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(251, 131, 197) }
```

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

```
.border{ border-color:rgb(251, 131, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 131, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 131, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 131, 197);  
box-shadow:4px 4px 4px 4px rgb(251, 131,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 54.963, 345.800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 131, 197) }
```

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

```
.background{ background-color: rgb(251,  
131, 197) }
```

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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