

Converting Colors

CIELCh(70, 50.635, 346.421)

Have a look what the booklet for
CIELCh(70, 50.635, 346.421)
contains.

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Color

CIELCh(70, 50.690, 346.503)

Conversions

Conversions Part 1

Format	Color
Hex	F687C2
RGB	246, 135, 194
RGB Percent	96%, 53%, 76%
CMY	0.0358, 0.4711, 0.2397
CMYK	0.00, 0.45, 0.21, 0.04
HSL	328°, 86%, 75%
HSV	328°, 45%, 96%
XYZ	56.3266, 40.7494, 55.8596
YIQ	174.9150, 47.2170, 41.8810

Conversions

Conversions Part 2

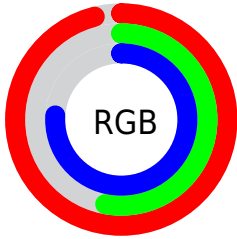
Format	Color
R _Y B	246, 135, 194
Decimal	16156610
CIE Lab	70.00, 49.29, -11.83
CIE LCh	70, 50.690, 346.503
Yxy	40.7494, 0.3683, 0.2664
Android (android.graphics.Color)	4294346690 (0xFFFF687C2)
YUV	174.9150, 9.4089, 62.3415
Hunter-Lab	63.8353, 45.7920, -7.1976

Details

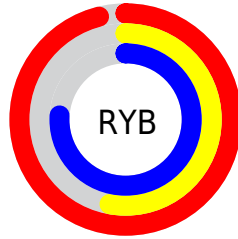
The CIELCh color **70, 50.690, 346.503** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **89, 48.577, 157.401**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **85, 38.474, 327.593**, and **50, 50.664, 346.524** is the 20% darker color. If you saturate the color by 10%, you get **65, 60.824, 347.945**, and if you desaturate by 10%, it is **75, 39.717, 345.274**.

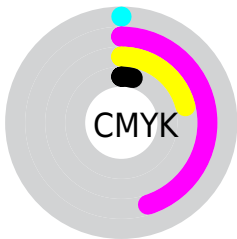
Distribution



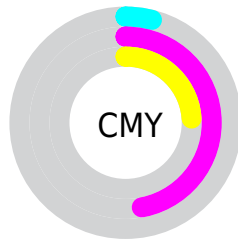
- Red (96%)
- Green (53%)
- Blue (76%)



- Red (96%)
- Yellow (53%)
- Blue (76%)



- Cyan (0%)
- Magenta (45%)
- Yellow (21%)
- Black (4%)





- Cyan (4%)
- Magenta (47%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 50.690, 346.503 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, 50.690, 346.503 by changing the saturation by 10% instead.


 70, 50.690,
346.503


 70, 50.690,
346.503


 100, 50.690,
346.503


 60, 50.690,
346.503


 90, 50.690,
346.503

 50, 50.690,
346.503

 40, 50.690,
346.503

 30, 50.690,
346.503

 20, 50.690,
346.503

 10, 50.690,
346.503

 0, 50.690, 346.503

70, 50.690,
346.503

70, 50.690,
346.503

65, 60.824,
347.945

75, 39.717,
345.274

61, 69.566,
349.680

81, 28.367,
344.198

57, 76.321,
351.823

87, 16.956,
343.235

55, 80.645,
354.523

94, 5.695, 342.322

99, 3.672, 170.017

54, 82.484,
357.934

99, 3.162, 199.414

53, 82.811,
359.813

Harmonies

Complementary

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



70, 50.690, 346.503



89, 48.577, 157.401

Rectangle

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



70, 50.690, 346.503



70, 50.690, 36.503



70, 50.690, 166.503



70, 50.690, 216.503

Sweetspot

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



70, 50.687, 346.504



91, 16.132, 343.133



65, 63.475, 310.328



47, 11.161, 343.332



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, 50.687, 346.504



68, 61.506, 347.784



69, 45.794, 21.832



48, 6.305, 342.722



40, 67.336, 359.058



9, 30.582, 353.480

Inverse Universe

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



70, 50.687, 346.504



68, 61.506, 347.784



91, 33.679, 193.975



48, 6.305, 342.722



40, 67.336, 359.058



9, 30.582, 353.480

Previews

White Background



This preview shows how the CIELCh color 70, 50.690, 346.503 looks on a white background.

Color Contrast Check

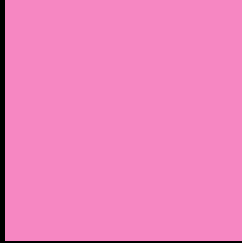
Large Text (above 18pt) WCAG AA × Fail

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, 50.690, 346.503 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, 50.690, 346.503

Background



This preview shows how black text looks on a background with the CIELCh color 70, 50.690, 346.503.

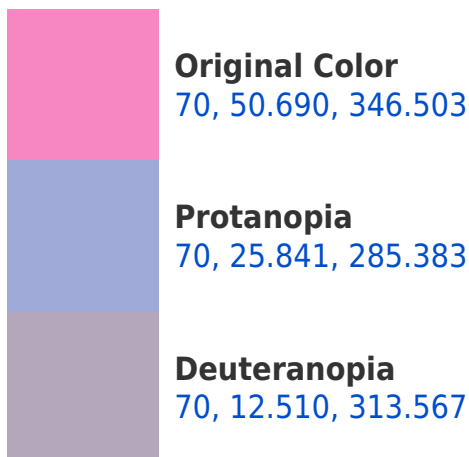


This preview shows how white text looks on a background with the CIELCh color 70, 50.690, 346.503.

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, 40.070, 15.954

Trichromacy



Original Color
70, 50.690, 346.503



Protanomaly
69, 31.051, 315.316



Deuteranomaly
69, 26.325, 335.381



Tritanomaly
70, 42.318, 3.341

Monochromacy



Original Color
70, 50.690, 346.503



Achromatopsia
71, 0.009, 296.813



Achromatomaly
70, 19.546, 343.438

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 50.690, 346.503 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(246, 135, 194)` looks like.

```
.text, #text, p{  
    color:rgb(246, 135, 194)  
}
```

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(246, 135, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 135, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 50.690, 346.503 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(246, 135, 194) }
```

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

```
.border{ border-color:rgb(246, 135, 194) }
```

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

Here you see how a box with a 4 pixel rgb(246, 135, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 135, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 135, 194);  
box-shadow:4px 4px 4px 4px rgb(246, 135,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 50.690, 346.503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 135, 194) }
```

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

```
.background{ background-color: rgb(246,  
135, 194) }
```

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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