

Converting Colors

CIELCh(75, 66.204, 359.692)

Have a look what the booklet for
CIELCh(75, 66.204, 359.692)
contains.

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Color

CIELCh(70, 54.972, 351.007)

Conversions

Conversions Part 1

Format	Color
Hex	FF81BC
RGB	255, 129, 188
RGB Percent	100%, 51%, 74%
CMY	0.0000, 0.4929, 0.2615
CMYK	0.00, 0.49, 0.26, 0.00
HSL	332°, 100%, 75%
HSV	332°, 49%, 100%
XYZ	58.3649, 40.7494, 52.5387
YIQ	173.4000, 56.1570, 45.0610

Conversions

Conversions Part 2

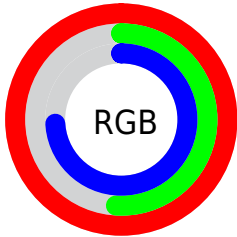
Format	Color
R_{YB}	255, 129, 188
Decimal	16744892
CIE _{Lab}	70.00, 54.30, -8.59
CIE _{LCh}	70, 54.972, 351.007
Yxy	40.7494, 0.3849, 0.2687
Android (android.graphics.Color)	4294934972 (0xFFFF81BC)
YUV	173.4000, 7.1978, 71.5632
Hunter-Lab	63.8353, 51.4918, -4.1131

Details

The CIELCh color **70, 54.972, 351.007** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **92, 51.420, 160.019**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **83, 39.418, 330.772**, and **50, 54.982, 350.727** is the 20% darker color. If you saturate the color by 10%, you get **65, 64.660, 352.701**, and if you desaturate by 10%, it is **75, 44.102, 349.437**.

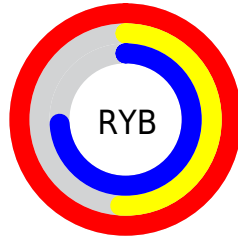
Distribution



Red (100%)

Green (51%)

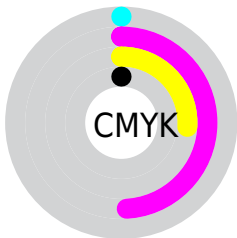
Blue (74%)



Red (100%)

Yellow (51%)

Blue (74%)

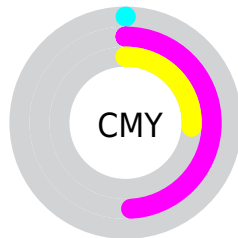


Cyan (0%)

Magenta (49%)

Yellow (26%)

Black (0%)



Cyan (0%)


Magenta (49%)


Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 54.972, 351.007 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, 54.972, 351.007 by changing the saturation by 10% instead.


 70, 54.972,
351.007


 70, 54.972,
351.007


 100, 54.972,
351.007

 60, 54.972,
351.007


 90, 54.972,
351.007

 50, 54.972,
351.007

 40, 54.972,
351.007

 30, 54.972,
351.007

 20, 54.972,
351.007

 10, 54.972,
351.007

 0, 54.972, 351.007

70, 54.972,
351.007

70, 54.972,
351.007

65, 64.660,
352.701

75, 44.102,
349.437

61, 72.873,
354.909

81, 32.844,
348.179

58, 78.967,
357.698

87, 21.467,
347.082

56, 82.663, 1.243

94, 10.216,
346.093

55, 84.326, 5.627

100, 0.012,
296.813

55, 84.429, 5.952

Harmonies

Complementary

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



70, 54.972, 351.007



92, 51.420, 160.019

Rectangle

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



70, 54.972, 351.007



70, 54.972, 41.007



70, 54.972, 171.007



70, 54.972, 221.007

Sweetspot

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



70, 54.874, 350.916



90, 16.616, 346.648



65, 71.843, 312.111



47, 11.363, 346.859



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, 54.874, 350.916



65, 64.396, 352.644



69, 51.954, 26.128



50, 6.255, 346.114



41, 68.027, 5.058



10, 31.613, 358.990

Inverse Universe

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



70, 54.874, 350.916



65, 64.396, 352.644



93, 35.933, 198.956



50, 6.255, 346.114



41, 68.027, 5.058



10, 31.613, 358.990

Previews

White Background



This preview shows how the CIELCh color 70, 54.972, 351.007 looks on a white background.

Color Contrast Check

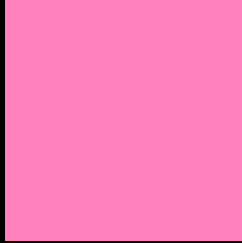
Large Text (above 18pt) WCAG AA × Fail

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, 54.972, 351.007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

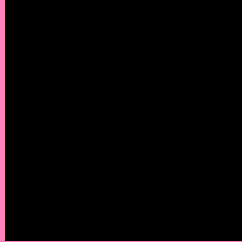
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 54.972, 351.007

Background



This preview shows how black text looks on a background with the CIELCh color 70, 54.972, 351.007.

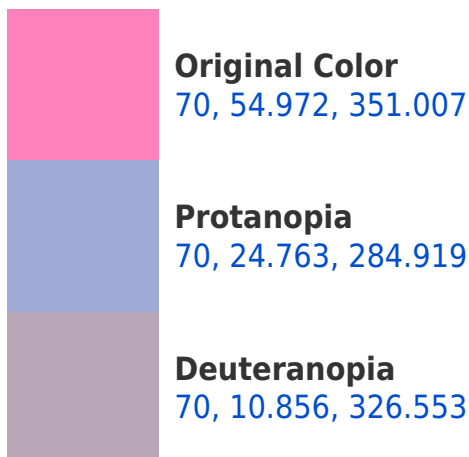


This preview shows how white text looks on a background with the CIELCh color 70, 54.972, 351.007.

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, 46.384, 17.847

Trichromacy



Original Color
70, 54.972, 351.007



Protanomaly
69, 30.980, 319.887



Deuteranomaly
69, 26.890, 343.164



Tritanomaly
70, 47.990, 6.801

Monochromacy



Original Color
70, 54.972, 351.007



Achromatopsia
71, 0.009, 296.813



Achromatomaly
70, 20.519, 347.510

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 54.972, 351.007 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, 129, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 129, 188)  
}
```

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, 129, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 129, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 54.972, 351.007 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, 129, 188) }
```

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

```
.border{ border-color:rgb(255, 129, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 129, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 129, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 129, 188); box-shadow:4px 4px 4px 4px rgb(255, 129, 188) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 54.972, 351.007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 129, 188) }
```

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

```
.background{ background-color: rgb(255,  
129, 188) }
```

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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