

Converting Colors

CIELCh(70, 55.071, 352.382)

Have a look what the booklet for
CIELCh(70, 55.071, 352.382)
contains.

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Color

CIELCh(70, 54.562, 352.032)

Conversions

Conversions Part 1

Format	Color
Hex	FF81BA
RGB	255, 129, 186
RGB Percent	100%, 51%, 73%
CMY	0.0000, 0.4922, 0.2687
CMYK	0.00, 0.49, 0.27, 0.00
HSL	333°, 100%, 75%
HSV	333°, 49%, 100%
XYZ	58.2575, 40.7494, 51.5111
YIQ	173.1720, 56.7990, 44.4390

Conversions

Conversions Part 2

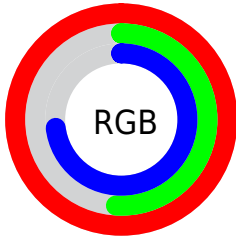
Format	Color
R _Y B	255, 129, 186
Decimal	16744890
CIE Lab	70.00, 54.04, -7.56
CIE LCh	70, 54.562, 352.032
Yxy	40.7494, 0.3870, 0.2707
Android (android.graphics.Color)	4294934970 (0xFFFF81BA)
YUV	173.1720, 6.3242, 71.7632
Hunter-Lab	63.8353, 51.1913, -3.1586

Details

The CIELCh color **70, 54.562, 352.032** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **92, 50.683, 160.868**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **83, 38.647, 331.780**, and **50, 54.571, 351.825** is the 20% darker color. If you saturate the color by 10%, you get **65, 64.189, 353.731**, and if you desaturate by 10%, it is **75, 43.677, 350.375**.

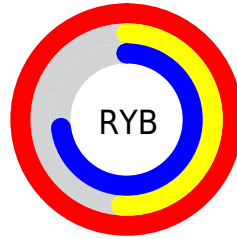
Distribution



Red (100%)

Green (51%)

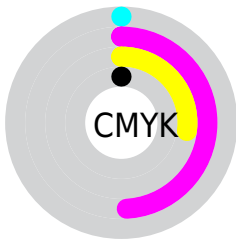
Blue (73%)



Red (100%)

Yellow (51%)

Blue (73%)

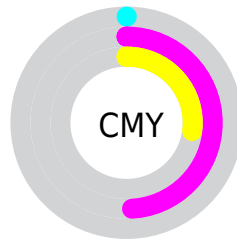


Cyan (0%)

Magenta (49%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (49%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 54.562, 352.032 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, 54.562, 352.032 by changing the saturation by 10% instead.


 70, 54.562,
352.032


 70, 54.562,
352.032


 100, 54.562,
352.032


 60, 54.562,
352.032


 90, 54.562,
352.032

 50, 54.562,
352.032

 40, 54.562,
352.032

 30, 54.562,
352.032

 20, 54.562,
352.032

 10, 54.562,
352.032

 0, 54.562, 352.032

70, 54.562,
352.032

70, 54.562,
352.032

65, 64.189,
353.731

75, 43.677,
350.375

61, 72.435,
356.013

81, 32.484,
349.088

58, 78.611,
358.900

87, 21.193,
347.970

56, 82.444, 2.571

94, 10.043,
346.966

55, 84.303, 7.102

100, 0.012,
296.813

55, 84.433, 7.469

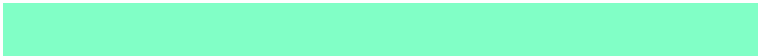
Harmonies

Complementary

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



70, 54.562, 352.032



92, 50.683, 160.868

Rectangle

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



70, 54.562, 352.032



70, 54.562, 42.032



70, 54.562, 172.032



70, 54.562, 222.032

Sweetspot

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



70, 54.409, 351.893



90, 16.457, 347.536



66, 71.847, 312.622



47, 11.256, 347.750



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, 54.409, 351.893



65, 63.985, 353.686



69, 51.200, 27.181



50, 6.193, 346.993



41, 67.998, 6.545



10, 31.512, 0.251

Inverse Universe

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



70, 54.409, 351.893



65, 63.985, 353.686



92, 35.275, 200.807



50, 6.193, 346.993



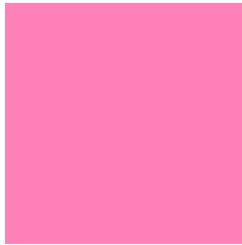
41, 67.998, 6.545



10, 31.512, 0.251

Previews

White Background



This preview shows how the CIELCh color 70, 54.562, 352.032 looks on a white background.

Color Contrast Check

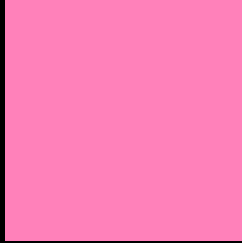
Large Text (above 18pt) WCAG AA × Fail

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, 54.562, 352.032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

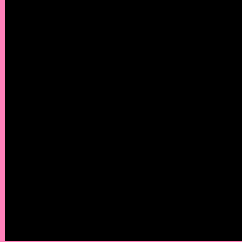
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 54.562, 352.032

Background



This preview shows how black text looks on a background with the CIELCh color 70, 54.562, 352.032.

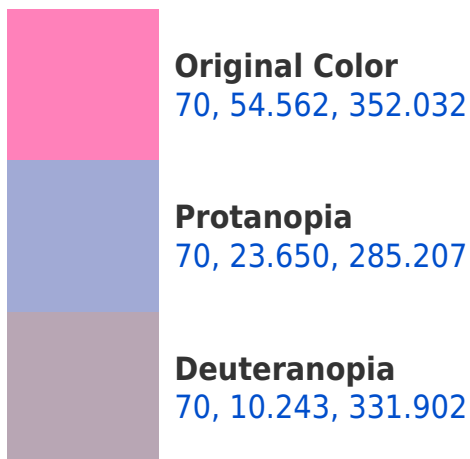


This preview shows how white text looks on a background with the CIELCh color 70, 54.562, 352.032.

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, 54.562, 352.032



Protanomaly
69, 30.038, 320.867



Deuteranomaly
69, 26.589, 345.634

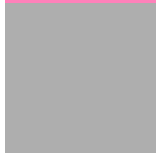


Tritanomaly
70, 47.941, 7.440

Monochromacy



Original Color
70, 54.562, 352.032



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, 54.562, 352.032 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, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 129, 186)  
}
```

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, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 129, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 54.562, 352.032 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, 186) }
```

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

```
.border{ border-color:rgb(255, 129, 186) }
```

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, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 129, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 129, 186); box-shadow:4px 4px 4px 4px rgb(255, 129, 186) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 54.562, 352.032 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, 186) }
```

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

```
.background{ background-color: rgb(255,  
129, 186) }
```

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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