

Converting Colors

CIELCh(81, 75.021, 10.493)

Have a look what the booklet for
CIELCh(81, 75.021, 10.493) contains.

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Color

CIELCh(71, 50.273, 357.412)

Conversions

Conversions Part 1

Format	Color
Hex	FF88B4
RGB	255, 136, 180
RGB Percent	100%, 53%, 71%
CMY	0.0000, 0.4680, 0.2955
CMYK	0.00, 0.47, 0.30, 0.00
HSL	338°, 100%, 77%
HSV	338°, 47%, 100%
XYZ	58.4621, 42.1875, 48.0522
YIQ	176.5970, 56.8000, 38.9120

Conversions

Conversions Part 2

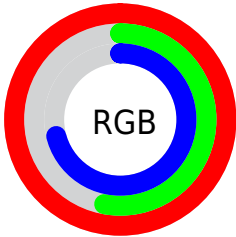
Format	Color
R _Y B	255, 136, 180
Decimal	16746676
CIE Lab	71.00, 50.22, -2.27
CIE LCh	71, 50.273, 357.412
Yxy	42.1875, 0.3932, 0.2837
Android (android.graphics.Color)	4294936756 (0xFFFF88B4)
YUV	176.5970, 1.6777, 68.7594
Hunter-Lab	64.9519, 46.9991, 1.6029

Details

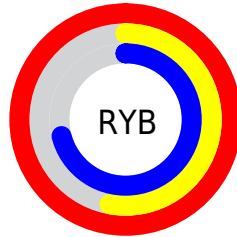
The CIELCh color **71, 50.273, 357.412** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **92, 45.027, 166.291**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **84, 32.103, 336.125**, and **51, 50.048, 357.474** is the 20% darker color. If you saturate the color by 10%, you get **66, 60.087, 359.258**, and if you desaturate by 10%, it is **77, 39.342, 355.576**.

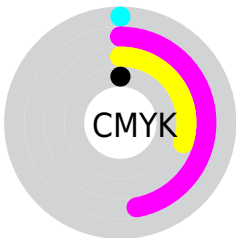
Distribution



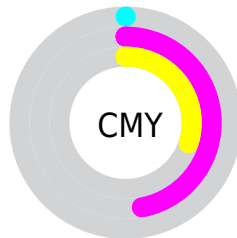
- Red (100%)
- Green (53%)
- Blue (71%)



- Red (100%)
- Yellow (53%)
- Blue (71%)



- Cyan (0%)
- Magenta (47%)
- Yellow (30%)
- Black (0%)





- Cyan (0%)
- Magenta (47%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 50.273, 357.412 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 71, 50.273, 357.412 by changing the saturation by 10% instead.


 71, 50.273,
357.412

 71, 50.273,
357.412


 100, 50.273,
357.412


 61, 50.273,
357.412


 91, 50.273,
357.412

 51, 50.273,
357.412

 41, 50.273,
357.412

 31, 50.273,
357.412

 21, 50.273,
357.412

 11, 50.273,
357.412

 1, 50.273, 357.412

0, 50.273, 357.412

71, 50.273,
357.412

71, 50.273,
357.412

66, 60.087,
359.258

77, 39.342,
355.576

62, 68.963, 1.799

83, 28.423,
354.193

58, 76.151, 5.026

89, 17.581,
353.005

56, 81.360, 9.122

54, 84.768, 14.177

95, 6.999, 351.936

54, 85.737, 15.898

100, 0.012,
296.813

Harmonies

Complementary

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



71, 50.273, 357.412



92, 45.027, 166.291

Rectangle

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



71, 50.273, 357.412



71, 50.273, 47.412



71, 50.273, 177.412



71, 50.273, 227.412

Sweetspot

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



71, 50.038, 357.231



91, 14.585, 352.699



68, 68.885, 315.111



47, 10.104, 352.934



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



71, 50.038, 357.231



66, 59.318, 359.079



73, 45.298, 32.774



50, 5.878, 352.222



41, 68.828, 14.847



10, 31.286, 7.468

Inverse Universe

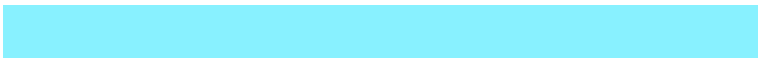
The Inverse Universe completely reimagines the original color for something new.



71, 50.038, 357.231



66, 59.318, 359.079



90, 31.513, 210.954



50, 5.878, 352.222



41, 68.828, 14.847



10, 31.286, 7.468

Previews

White Background



This preview shows how the CIELCh color 71, 50.273, 357.412 looks on a white background.

Color Contrast Check

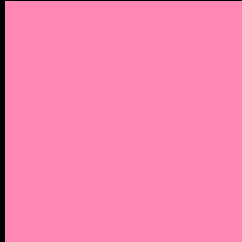
Large Text (above 18pt) WCAG AA × Fail

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 71, 50.273, 357.412 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 71, 50.273, 357.412

Background



This preview shows how black text looks on a background with the CIELCh color 71, 50.273, 357.412.

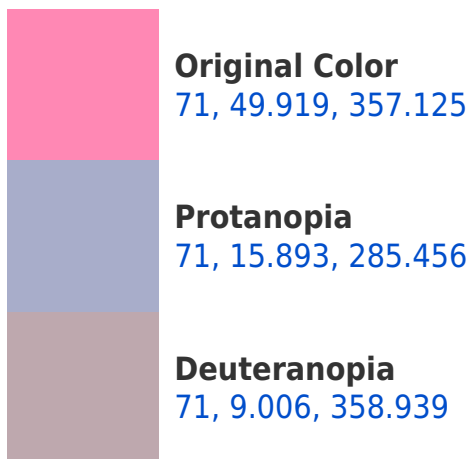


This preview shows how white text looks on a background with the CIELCh color 71, 50.273, 357.412.

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](#).

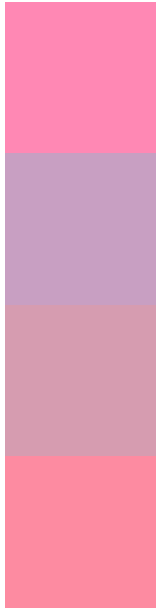
Dichromacy





Tritanopia
71, 44.975, 17.396

Trichromacy



Original Color
71, 49.919, 357.125

Protanomaly
70, 24.351, 329.944

Deuteranomaly
70, 24.656, 355.786

Tritanomaly
71, 46.061, 9.789

Monochromacy



Original Color
71, 49.919, 357.125

Achromatopsia
72, 0.009, 296.813

Achromatomaly
71, 18.887, 353.832

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 50.273, 357.412 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, 136, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 136, 180)  
}
```

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, 136, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 136, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 50.273, 357.412 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, 136, 180) }
```

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

```
.border{ border-color:rgb(255, 136, 180) }
```

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

Here you see how a box with a 4 pixel rgb(255, 136, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 136, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 136, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 136,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 50.273, 357.412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 136, 180) }
```

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

```
.background{ background-color: rgb(255,  
136, 180) }
```

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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