

Converting Colors

CIELCh(71, 49.843, 357.596)

Have a look what the booklet for
CIELCh(71, 49.843, 357.596)
contains.

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Color

CIELCh(71, 49.769, 357.713)

Conversions

Conversions Part 1

Format	Color
Hex	FF88B3
RGB	255, 136, 179
RGB Percent	100%, 53%, 70%
CMY	0.0000, 0.4662, 0.2976
CMYK	0.00, 0.47, 0.30, 0.00
HSL	338°, 100%, 77%
HSV	338°, 47%, 100%
XYZ	58.2593, 42.1875, 47.7839
YIQ	176.4830, 57.1210, 38.6010

Conversions

Conversions Part 2

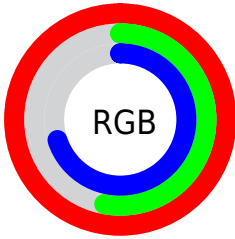
Format	Color
R_{YB}	255, 136, 179
Decimal	16746675
CIE _{Lab}	71.00, 49.73, -1.99
CIE _{LCh}	71, 49.769, 357.713
Yxy	42.1875, 0.3930, 0.2846
Android (android.graphics.Color)	4294936755 (0xFFFF88B3)
YUV	176.4830, 1.2409, 68.8594
Hunter-Lab	64.9519, 46.4416, 1.8478

Details

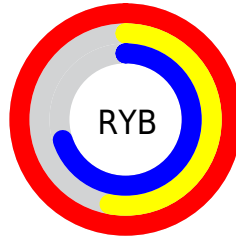
The CIELCh color **71, 49.769, 357.713** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **92, 44.607, 166.759**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **84, 31.753, 336.809**, and **51, 49.593, 357.807** is the 20% darker color. If you saturate the color by 10%, you get **66, 59.795, 359.721**, and if you desaturate by 10%, it is **77, 39.027, 356.017**.

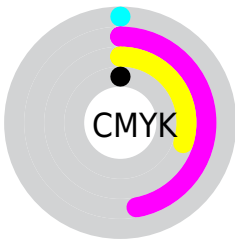
Distribution



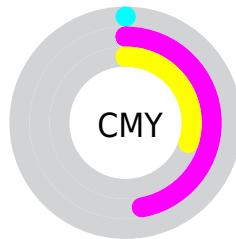
- Red (100%)
- Green (53%)
- Blue (70%)



- Red (100%)
- Yellow (53%)
- Blue (70%)



- 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, 49.769, 357.713 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, 49.769, 357.713 by changing the saturation by 10% instead.


 71, 49.769,
357.713

 71, 49.769,
357.713


 100, 49.769,
357.713


 61, 49.769,
357.713


 91, 49.769,
357.713

 51, 49.769,
357.713

 41, 49.769,
357.713

 31, 49.769,
357.713

 21, 49.769,
357.713

 11, 49.769,
357.713

 1, 49.769, 357.713

0, 49.769, 357.713

71, 49.769,
357.713

71, 49.769,
357.713

66, 59.795,
359.721

77, 39.027,
356.017

62, 68.723, 2.279

83, 28.127,
354.628

58, 75.998, 5.529

89, 17.318,
353.436

56, 81.322, 9.651

54, 84.870, 14.735

96, 6.780, 352.362

54, 85.936, 16.567

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, 49.769, 357.713



92, 44.607, 166.759

Rectangle

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



71, 49.769, 357.713



71, 49.769, 47.713



71, 49.769, 177.713



71, 49.769, 227.713

Sweetspot

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



71, 49.722, 357.681



91, 14.530, 353.148



69, 68.751, 315.626



47, 10.066, 353.385



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, 49.722, 357.681



66, 59.201, 359.582



73, 44.549, 34.072



50, 5.855, 352.669



40, 68.969, 15.510



10, 31.292, 8.045

Inverse Universe

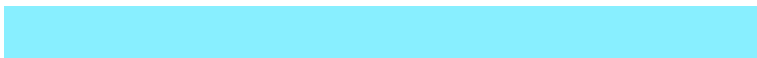
The Inverse Universe completely reimagines the original color for something new.



71, 49.722, 357.681



66, 59.201, 359.582



89, 31.043, 213.158



50, 5.855, 352.669



40, 68.969, 15.510



10, 31.292, 8.045

Previews

White Background



This preview shows how the CIELCh color 71, 49.769, 357.713 looks on a white background.

Color Contrast Check

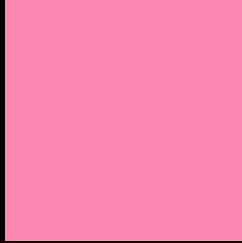
Large Text (above 18pt) WCAG AA × Fail

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, 49.769, 357.713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

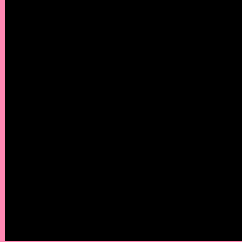
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 49.769, 357.713

Background



This preview shows how black text looks on a background with the CIELCh color 71, 49.769, 357.713.

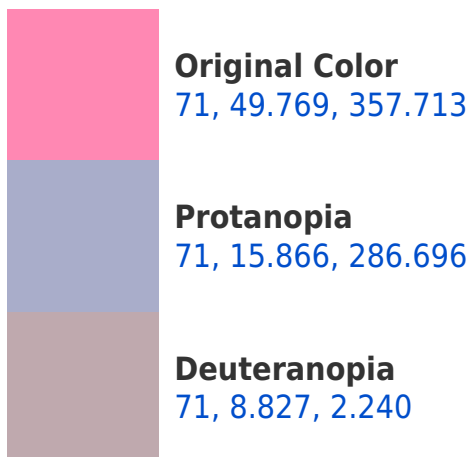


This preview shows how white text looks on a background with the CIELCh color 71, 49.769, 357.713.

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](#).

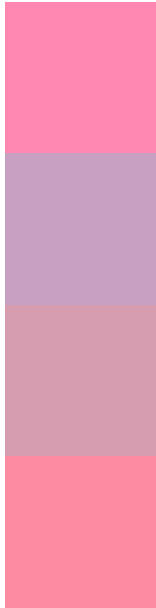
Dichromacy





Tritanopia
71, 44.925, 16.715

Trichromacy



Original Color
71, 49.769, 357.713

Protanomaly
70, 23.694, 330.035

Deuteranomaly
71, 24.092, 356.507

Tritanomaly
71, 46.088, 9.123

Monochromacy



Original Color
71, 49.769, 357.713

Achromatopsia
72, 0.009, 296.813

Achromatomaly
71, 18.526, 353.222

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 49.769, 357.713 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, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 136, 179)  
}
```

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, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 136, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 49.769, 357.713 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, 179) }
```

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

```
.border{ border-color:rgb(255, 136, 179) }
```

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, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 136, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 136, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 136,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 49.769, 357.713 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, 179) }
```

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

```
.background{ background-color: rgb(255,  
136, 179) }
```

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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