

Converting Colors

CIELCh(73, 50.091, 348.213)

Have a look what the booklet for
CIELCh(73, 50.091, 348.213)
contains.

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Color

CIELCh(73, 49.979, 348.215)

Conversions

Conversions Part 1

Format	Color
Hex	FF8FC7
RGB	255, 143, 199
RGB Percent	100%, 56%, 78%
CMY	0.0000, 0.4382, 0.2186
CMYK	0.00, 0.44, 0.22, 0.00
HSL	330°, 100%, 78%
HSV	330°, 44%, 100%
XYZ	61.5355, 45.1644, 59.6576
YIQ	182.8720, 48.7760, 41.1600

Conversions

Conversions Part 2

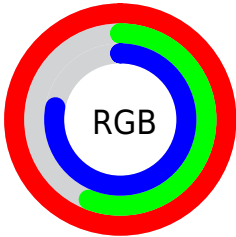
Format	Color
R _Y B	255, 143, 199
Decimal	16748487
CIE _{Lab}	73.00, 48.93, -10.21
CIE _{LCh}	73, 49.979, 348.215
Yxy	45.1644, 0.3699, 0.2715
Android (android.graphics.Color)	4294938567 (0xFFFF8FC7)
YUV	182.8720, 7.9511, 63.2563
Hunter-Lab	67.2044, 45.8351, -5.5888

Details

The CIELCh color **73, 49.979, 348.215** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **92, 47.446, 159.095**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 35.124, 325.645**, and **53, 50.033, 348.245** is the 20% darker color. If you saturate the color by 10%, you get **68, 60.377, 349.643**, and if you desaturate by 10%, it is **79, 38.676, 346.857**.

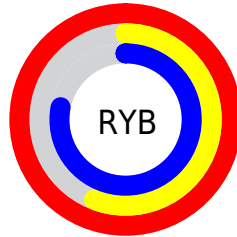
Distribution



Red (100%)

Green (56%)

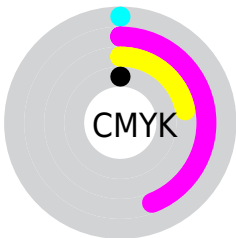
Blue (78%)



Red (100%)

Yellow (56%)

Blue (78%)

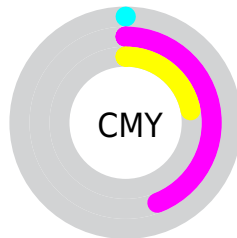


Cyan (0%)

Magenta (44%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (44%)


Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 49.979, 348.215 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 73, 49.979, 348.215 by changing the saturation by 10% instead.


 73, 49.979,
348.215


 73, 49.979,
348.215


 100, 49.979,
348.215


 63, 49.979,
348.215


 93, 49.979,
348.215

 53, 49.979,
348.215

 43, 49.979,
348.215

 33, 49.979,
348.215

 23, 49.979,
348.215

 13, 49.979,
348.215

 3, 49.979, 348.215

0, 49.979, 348.215

73, 49.979,
348.215

73, 49.979,
348.215

68, 60.377,
349.643

79, 38.676,
346.857

63, 69.543,
351.468

85, 27.143,
345.745

60, 76.795,
353.735

91, 15.607,
344.753

57, 81.659,
356.602

97, 4.267, 343.793

55, 84.037, 0.234

100, 0.012,
296.813

55, 84.640, 2.837

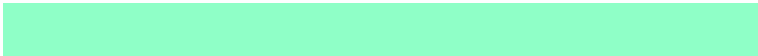
Harmonies

Complementary

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



73, 49.979, 348.215



92, 47.446, 159.095

Rectangle

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



73, 49.979, 348.215



73, 49.979, 38.215



73, 49.979, 168.215



73, 49.979, 218.215

Sweetspot

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



73, 49.901, 348.135



92, 14.665, 344.676



69, 63.518, 310.780



47, 10.286, 344.885



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 49.901, 348.135



68, 59.556, 349.508



72, 45.827, 22.821



50, 6.387, 344.349



41, 68.259, 2.009



10, 31.879, 356.427

Inverse Universe

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



73, 49.901, 348.135



68, 59.556, 349.508



94, 33.675, 195.690



50, 6.387, 344.349



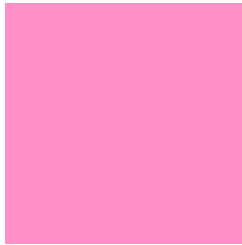
41, 68.259, 2.009



10, 31.879, 356.427

Previews

White Background



This preview shows how the CIELCh color 73, 49.979, 348.215 looks on a white background.

Color Contrast Check

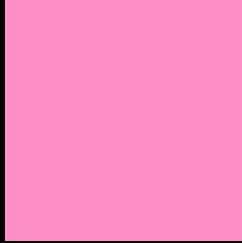
Large Text (above 18pt) WCAG AA × Fail

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 73, 49.979, 348.215 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 73, 49.979, 348.215

Background



This preview shows how black text looks on a background with the CIELCh color 73, 49.979, 348.215.

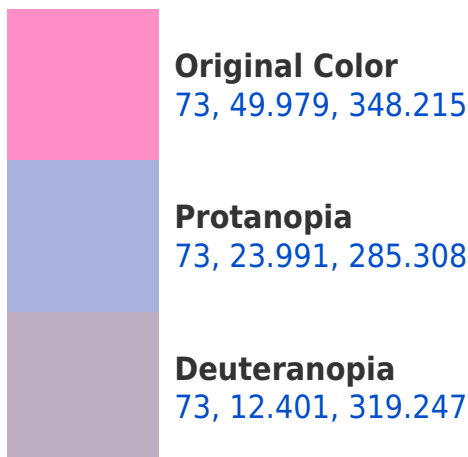


This preview shows how white text looks on a background with the CIELCh color 73, 49.979, 348.215.

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
73, 40.499, 14.493

Trichromacy



Original Color
73, 49.979, 348.215



Protanomaly
72, 29.479, 317.158



Deuteranomaly
73, 25.924, 338.302



Tritanomaly
73, 42.376, 3.344

Monochromacy



Original Color
73, 49.979, 348.215



Achromatopsia
74, 0.009, 296.813



Achromatomaly
73, 18.470, 345.307

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 49.979, 348.215 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, 143, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 143, 199)  
}
```

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, 143, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 143, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 49.979, 348.215 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, 143, 199) }
```

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

```
.border{ border-color:rgb(255, 143, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 143, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 143, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 143, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 143,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 49.979, 348.215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 143, 199) }
```

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

```
.background{ background-color: rgb(255,  
143, 199) }
```

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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