

Converting Colors

CIELCh(73, 50.113, 347.477)

Have a look what the booklet for
CIELCh(73, 50.113, 347.477)
contains.

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Color

CIELCh(73, 50.223, 347.681)

Conversions

Conversions Part 1

Format	Color
Hex	FF8FC8
RGB	255, 143, 200
RGB Percent	100%, 56%, 78%
CMY	0.0000, 0.4386, 0.2150
CMYK	0.00, 0.44, 0.22, 0.00
HSL	329°, 100%, 78%
HSV	329°, 44%, 100%
XYZ	61.5958, 45.1644, 60.2144
YIQ	182.9860, 48.4550, 41.4710

Conversions

Conversions Part 2

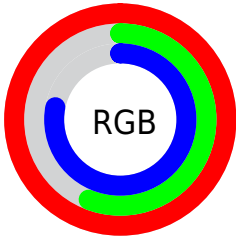
Format	Color
R_{YB}	255, 143, 200
Decimal	16748488
CIE _{Lab}	73.00, 49.07, -10.72
CIE _{LCh}	73, 50.223, 347.681
Yxy	45.1644, 0.3689, 0.2705
Android (android.graphics.Color)	4294938568 (0xFFFF8FC8)
YUV	182.9860, 8.3879, 63.1563
Hunter-Lab	67.2044, 45.9951, -6.0800

Details

The CIELCh color **73, 50.223, 347.681** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **92, 47.821, 158.653**, 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, 50.279, 347.675** is the 20% darker color. If you saturate the color by 10%, you get **68, 60.670, 349.111**, and if you desaturate by 10%, it is **79, 38.909, 346.369**.

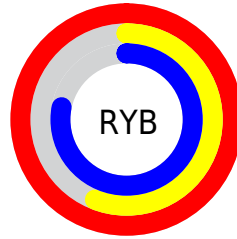
Distribution



Red (100%)

Green (56%)

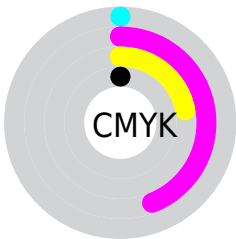
Blue (78%)



Red (100%)

Yellow (56%)

Blue (78%)

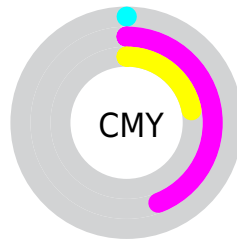


Cyan (0%)

Magenta (44%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (44%)


Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 50.223, 347.681 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, 50.223, 347.681 by changing the saturation by 10% instead.


 73, 50.223,
347.681


 73, 50.223,
347.681


 100, 50.223,
347.681


 63, 50.223,
347.681


 93, 50.223,
347.681

 53, 50.223,
347.681

 43, 50.223,
347.681

 33, 50.223,
347.681

 23, 50.223,
347.681

 13, 50.223,
347.681

 3, 50.223, 347.681

0, 50.223, 347.681

73, 50.223,
347.681

73, 50.223,
347.681

68, 60.670,
349.111

79, 38.909,
346.369

63, 69.840,
350.901

85, 27.326,
345.271

60, 77.076,
353.120

91, 15.733,
344.289

57, 81.897,
355.923

97, 4.329, 343.338

56, 84.205,
359.473

100, 0.012,
296.813

55, 84.747, 2.005

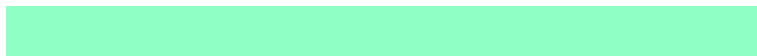
Harmonies

Complementary

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



73, 50.223, 347.681



92, 47.821, 158.653

Rectangle

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



73, 50.223, 347.681



73, 50.223, 37.681



73, 50.223, 167.681



73, 50.223, 217.681

Sweetspot

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



73, 50.171, 347.629



92, 14.748, 344.209



69, 63.567, 310.782



47, 10.344, 344.417



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, 50.171, 347.629



68, 59.815, 348.973



72, 45.866, 22.827



50, 6.424, 343.886



41, 68.359, 1.196



10, 31.963, 355.747

Inverse Universe

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



73, 50.171, 347.629



68, 59.815, 348.973



94, 33.695, 195.689



50, 6.424, 343.886



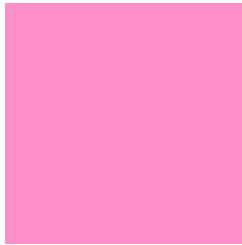
41, 68.359, 1.196



10, 31.963, 355.747

Previews

White Background



This preview shows how the CIELCh color 73, 50.223, 347.681 looks on a white background.

Color Contrast Check

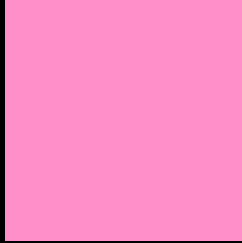
Large Text (above 18pt) WCAG AA × Fail

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, 50.223, 347.681 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, 50.223, 347.681

Background



This preview shows how black text looks on a background with the CIELCh color 73, 50.223, 347.681.

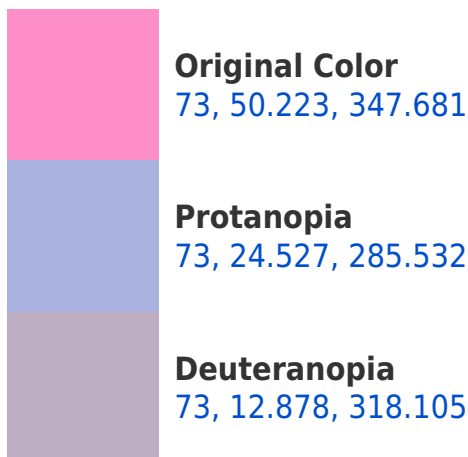


This preview shows how white text looks on a background with the CIELCh color 73, 50.223, 347.681.

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, 40.078, 15.091

Trichromacy



Original Color
73, 50.223, 347.681



Protanomaly
72, 29.964, 316.722



Deuteranomaly
73, 26.275, 337.418



Tritanomaly
73, 42.376, 3.344

Monochromacy



Original Color
73, 50.223, 347.681



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, 50.223, 347.681 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, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 143, 200)  
}
```

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, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 143, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 50.223, 347.681 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, 200) }
```

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

```
.border{ border-color:rgb(255, 143, 200) }
```

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, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 143, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 143, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 143,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 50.223, 347.681 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, 200) }
```

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

```
.background{ background-color: rgb(255,  
143, 200) }
```

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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