

Converting Colors

CIELCh(73, 48.493, 352.141)

Have a look what the booklet for
CIELCh(73, 48.493, 352.141)
contains.

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Color

CIELCh(73, 48.084, 351.799)

Conversions

Conversions Part 1

Format	Color
Hex	FF90C1
RGB	255, 144, 193
RGB Percent	100%, 56%, 76%
CMY	0.0000, 0.4345, 0.2424
CMYK	0.00, 0.43, 0.24, 0.00
HSL	333°, 100%, 78%
HSV	333°, 43%, 100%
XYZ	60.9683, 45.1644, 56.0699
YIQ	182.7750, 50.4270, 38.7710

Conversions

Conversions Part 2

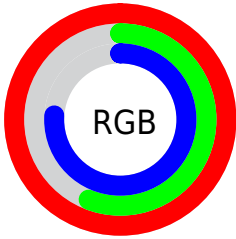
Format	Color
R_{YB}	255, 144, 193
Decimal	16748737
CIE Lab	73.00, 47.59, -6.86
CIE LCh	73, 48.084, 351.799
Yxy	45.1644, 0.3759, 0.2784
Android (android.graphics.Color)	4294938817 (0xFFFF90C1)
YUV	182.7750, 5.0409, 63.3413
Hunter-Lab	67.2044, 44.3285, -2.4236

Details

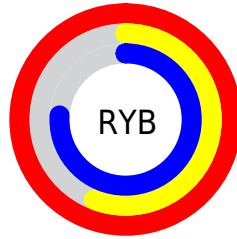
The CIELCh color $73, 48.084, 351.799$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $93, 44.803, 162.324$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $87, 32.027, 328.816$, and $53, 48.366, 351.428$ is the 20% darker color. If you saturate the color by 10%, you get $68, 58.392, 353.415$, and if you desaturate by 10%, it is $79, 37.009, 350.337$.

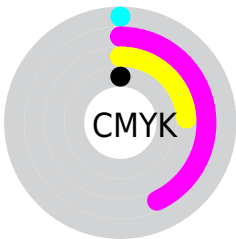
Distribution



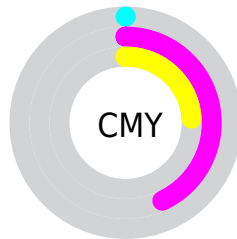
- Red (100%)
- Green (56%)
- Blue (76%)



- Red (100%)
- Yellow (56%)
- Blue (76%)



- Cyan (0%)
- Magenta (43%)
- Yellow (24%)
- Black (0%)



- Cyan (0%)
- Magenta (43%)
- Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 48.084, 351.799 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, 48.084, 351.799 by changing the saturation by 10% instead.

 73, 48.084,
351.799

 73, 48.084,
351.799

 100, 48.084,
351.799

 63, 48.084,
351.799


 93, 48.084,
351.799

 53, 48.084,
351.799

 43, 48.084,
351.799

 33, 48.084,
351.799

 23, 48.084,
351.799

 13, 48.084,
351.799

 3, 48.084, 351.799

0, 48.084, 351.799

73, 48.084,
351.799

73, 48.084,
351.799

68, 58.392,
353.415

79, 37.009,
350.337

63, 67.601,
355.472

85, 25.782,
349.135

60, 75.064,
358.055

91, 14.621,
348.077

57, 80.332, 1.339

98, 3.701, 347.048

55, 83.340, 5.494

100, 0.012,
296.813

54, 84.484, 8.642

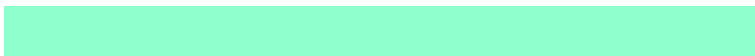
Harmonies

Complementary

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



73, 48.084, 351.799



93, 44.803, 162.324

Rectangle

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



73, 48.084, 351.799



73, 48.084, 41.799



73, 48.084, 171.799



73, 48.084, 221.799

Sweetspot

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



73, 48.017, 351.738



91, 14.122, 348.032



70, 63.420, 312.864



47, 9.910, 348.255



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, 48.017, 351.738



68, 56.945, 353.151



73, 43.740, 27.365



50, 6.146, 347.684



41, 68.012, 7.697



10, 31.446, 1.234

Inverse Universe

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



73, 48.017, 351.738



68, 56.945, 353.151



92, 31.588, 202.733



50, 6.146, 347.684



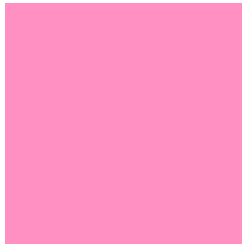
41, 68.012, 7.697



10, 31.446, 1.234

Previews

White Background



This preview shows how the CIELCh color 73, 48.084, 351.799 looks on a white background.

Color Contrast Check

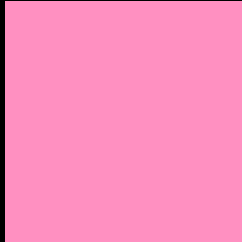
Large Text (above 18pt) WCAG AA × Fail

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, 48.084, 351.799 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, 48.084, 351.799

Background



This preview shows how black text looks on a background with the CIELCh color 73, 48.084, 351.799.



This preview shows how white text looks on a background with the CIELCh color 73, 48.084, 351.799.

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, 40.916, 15.372

Trichromacy



Original Color
73, 48.084, 351.799



Protanomaly
72, 25.829, 322.023



Deuteranomaly
73, 24.569, 345.330



Tritanomaly
73, 42.484, 5.696

Monochromacy



Original Color
73, 48.084, 351.799



Achromatopsia
74, 0.009, 296.813



Achromatomaly
73, 17.905, 348.177

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 48.084, 351.799 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, 144, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 144, 193)  
}
```

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, 144, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 144, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 48.084, 351.799 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, 144, 193) }
```

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

```
.border{ border-color:rgb(255, 144, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 144, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 144, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 144, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 144,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 48.084, 351.799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 144, 193) }
```

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

```
.background{ background-color: rgb(255,  
144, 193) }
```

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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