

Converting Colors

CIELCh(73, 42.406, 358.640)

Have a look what the booklet for
CIELCh(73, 42.406, 358.640)
contains.

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Color

CIELCh(73, 42.371, 358.614)

Conversions

Conversions Part 1

Format	Color
Hex	FA95B7
RGB	250, 149, 183
RGB Percent	98%, 58%, 72%
CMY	0.0177, 0.4175, 0.2842
CMYK	0.00, 0.41, 0.27, 0.02
HSL	340°, 92%, 78%
HSV	340°, 41%, 98%
XYZ	58.7752, 45.1644, 50.1683
YIQ	183.0750, 49.2820, 31.9860

Conversions

Conversions Part 2

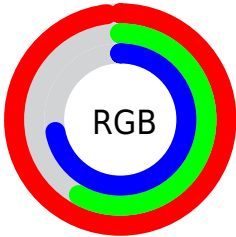
Format	Color
R _Y B	250, 149, 183
Decimal	16422327
CIE Lab	73.00, 42.36, -1.02
CIE LCh	73, 42.371, 358.614
Yxy	45.1644, 0.3814, 0.2931
Android (android.graphics.Color)	4294612407 (0xFFFA95B7)
YUV	183.0750, -0.0370, 58.6932
Hunter-Lab	67.2044, 38.5034, 2.7830

Details

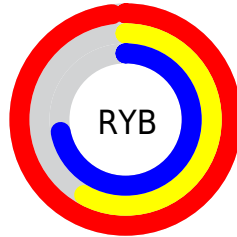
The CIELCh color **73, 42.371, 358.614** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **92, 38.038, 169.399**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 25.119, 336.514**, and **53, 41.853, 358.373** is the 20% darker color. If you saturate the color by 10%, you get **68, 52.721, 0.482**, and if you desaturate by 10%, it is **79, 31.718, 357.081**.

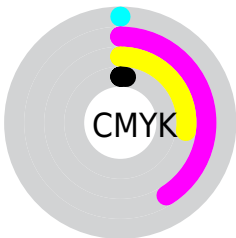
Distribution



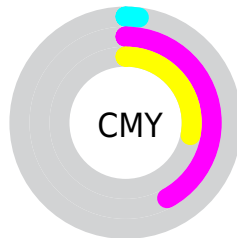
- Red (98%)
- Green (58%)
- Blue (72%)



- Red (98%)
- Yellow (58%)
- Blue (72%)



- Cyan (0%)
- Magenta (41%)
- Yellow (27%)
- Black (2%)





- Cyan (2%)
- Magenta (42%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 42.371, 358.614 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, 42.371, 358.614 by changing the saturation by 10% instead.


 73, 42.371,
358.614


 73, 42.371,
358.614


 100, 42.371,
358.614


 63, 42.371,
358.614


 93, 42.371,
358.614

 53, 42.371,
358.614

 43, 42.371,
358.614

 33, 42.371,
358.614

 23, 42.371,
358.614

 13, 42.371,
358.614

 3, 42.371, 358.614

0, 42.371, 358.614

73, 42.371,
358.614

73, 42.371,
358.614

68, 52.721, 0.482

79, 31.718,
357.081

63, 62.332, 2.801

85, 21.097,
355.787

59, 70.692, 5.736

56, 77.373, 9.467

91, 10.716,
354.659

54, 82.263, 14.137

98, 0.691, 352.951

53, 85.699, 19.203

100, 1.565,
199.729

Harmonies

Complementary

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



73, 42.371, 358.614



92, 38.038, 169.399

Rectangle

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



73, 42.371, 358.614



73, 42.371, 48.614



73, 42.371, 178.614



73, 42.371, 228.614

Sweetspot

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



73, 42.368, 358.616



92, 12.224, 354.801



71, 59.300, 315.905



48, 8.128, 354.943



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, 42.368, 358.616



70, 51.743, 0.146



75, 36.996, 34.970



49, 5.670, 354.530



40, 68.943, 18.126



9, 30.489, 9.692

Inverse Universe

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



73, 42.368, 358.616



70, 51.743, 0.146



88, 27.234, 214.997



49, 5.670, 354.530



40, 68.943, 18.126



9, 30.489, 9.692

Previews

White Background



This preview shows how the CIELCh color 73, 42.371, 358.614 looks on a white background.

Color Contrast Check

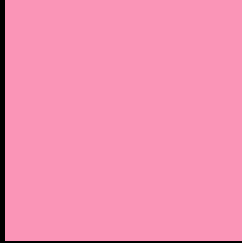
Large Text (above 18pt) WCAG AA × Fail

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, 42.371, 358.614 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, 42.371, 358.614

Background



This preview shows how black text looks on a background with the CIELCh color 73, 42.371, 358.614.



This preview shows how white text looks on a background with the CIELCh color 73, 42.371, 358.614.

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



Original Color

73, 42.033, 358.341

Protanopia

73, 12.493, 289.758

Deuteranopia

73, 9.015, 6.292



Tritanopia
73, 38.845, 14.672

Trichromacy



Original Color
73, 42.033, 358.341

Protanomaly
72, 20.058, 334.321

Deuteranomaly
73, 21.066, 358.843

Tritanomaly
73, 39.777, 8.814

Monochromacy



Original Color
73, 42.033, 358.341

Achromatopsia
74, 0.009, 296.813

Achromatomaly
73, 16.014, 354.895

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 42.371, 358.614 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(250, 149, 183)` looks like.

```
.text, #text, p{  
    color:rgb(250, 149, 183)  
}
```

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(250, 149, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 149, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 42.371, 358.614 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(250, 149, 183) }
```

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

```
.border{ border-color:rgb(250, 149, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 149, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 149, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 149, 183);  
box-shadow:4px 4px 4px 4px rgb(250, 149,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 42.371, 358.614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 149, 183) }
```

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

```
.background{ background-color: rgb(250,  
149, 183) }
```

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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