

Converting Colors

CIELCh(73, 42.281, 9.323)

Have a look what the booklet for
CIELCh(73, 42.281, 9.323) contains.

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Color

CIELCh(73, 42.592, 9.461)

Conversions

Conversions Part 1

Format	Color
Hex	FE94A8
RGB	254, 148, 168
RGB Percent	100%, 58%, 66%
CMY	0.0032, 0.4190, 0.3406
CMYK	0.00, 0.42, 0.34, 0.00
HSL	349°, 98%, 79%
HSV	349°, 42%, 100%
XYZ	58.6321, 45.1644, 42.7477
YIQ	181.9740, 56.7560, 28.6920

Conversions

Conversions Part 2

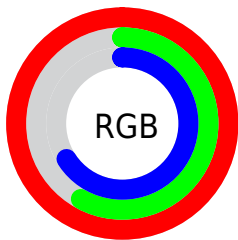
Format	Color
R_{YB}	254, 148, 168
Decimal	16684200
CIE _{Lab}	73.00, 42.01, 7.00
CIE _{LCh}	73, 42.592, 9.461
Yxy	45.1644, 0.4001, 0.3082
Android (android.graphics.Color)	4294874280 (0xFFFE94A8)
YUV	181.9740, -6.8892, 63.1668
Hunter-Lab	67.2044, 38.1234, 9.3297

Details

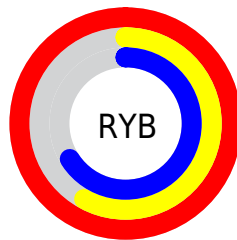
The CIELCh color **73, 42.592, 9.461** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **93, 35.308, 180.109**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 21.072, 353.109**, and **53, 42.672, 9.675** is the 20% darker color. If you saturate the color by 10%, you get **68, 53.383, 11.597**, and if you desaturate by 10%, it is **79, 31.794, 7.757**.

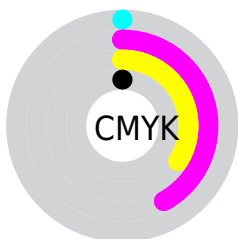
Distribution



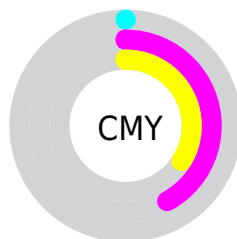
- Red (100%)
- Green (58%)
- Blue (66%)



- Red (100%)
- Yellow (58%)
- Blue (66%)



- Cyan (0%)
- Magenta (42%)
- Yellow (34%)
- Black (0%)



- Cyan (0%)
- Magenta (42%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 42.592, 9.461 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, 42.592, 9.461 by changing the saturation by 10% instead.

 73, 42.592, 9.461  73, 42.592, 9.461

 100, 42.592, 9.461  63, 42.592, 9.461

 93, 42.592, 9.461  53, 42.592, 9.461

 43, 42.592, 9.461

 33, 42.592, 9.461

 23, 42.592, 9.461

 13, 42.592, 9.461

 3, 42.592, 9.461

 0, 42.592, 9.461

 73, 42.592, 9.461  73, 42.592, 9.461

68, 53.383, 11.597

79, 31.794, 7.757

63, 63.796, 14.300

85, 21.268, 6.364

59, 73.405, 17.730

92, 11.174, 5.191

56, 81.876, 22.000

99, 1.589, 3.892

54, 89.118, 27.048

100, 0.288,
201.692

53, 94.395, 31.432

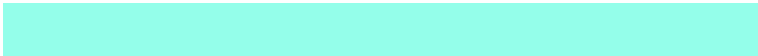
Harmonies

Complementary

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



73, 42.592, 9.461



93, 35.308, 180.109

Rectangle

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



73, 42.592, 9.461



73, 42.592, 59.461



73, 42.592, 189.461



73, 42.592, 239.461

Sweetspot

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



73, 42.589, 9.464



91, 12.484, 5.334



73, 63.051, 320.642



47, 8.787, 5.583



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, 42.589, 9.464



69, 51.691, 11.199



80, 35.603, 49.285



50, 5.408, 4.952



40, 75.512, 30.438



10, 32.052, 19.295

Inverse Universe

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



73, 42.589, 9.464



69, 51.691, 11.199



85, 27.223, 236.469



50, 5.408, 4.952



40, 75.512, 30.438



10, 32.052, 19.295

Previews

White Background



This preview shows how the CIELCh color 73, 42.592, 9.461 looks on a white background.

Color Contrast Check

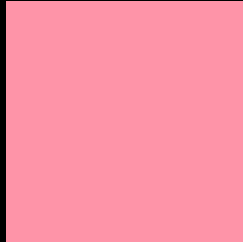
Large Text (above 18pt) WCAG AA × Fail

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, 42.592, 9.461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

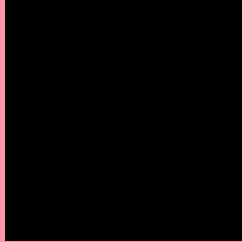
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 42.592, 9.461

Background



This preview shows how black text looks on a background with the CIELCh color 73, 42.592, 9.461.

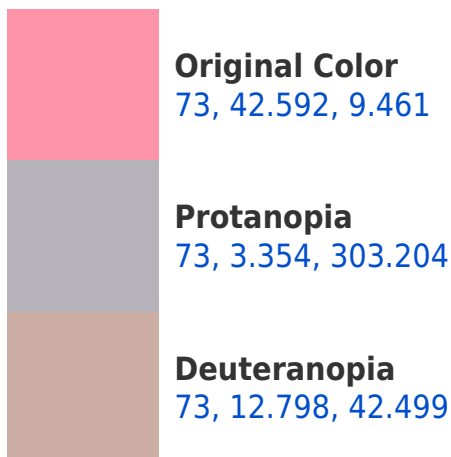


This preview shows how white text looks on a background with the CIELCh color 73, 42.592, 9.461.

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, 41.755, 15.647

Trichromacy



Original Color
73, 42.592, 9.461



Protanomaly
73, 16.376, 359.655



Deuteranomaly
73, 22.929, 18.808



Tritanomaly
73, 41.700, 13.453

Monochromacy



Original Color
73, 42.592, 9.461



Achromatopsia
74, 0.009, 296.813



Achromatomaly
73, 15.053, 6.248

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 42.592, 9.461 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(254, 148, 168)` looks like.

```
.text, #text, p{  
    color:rgb(254, 148, 168)  
}
```

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(254, 148, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 148, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 42.592, 9.461 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(254, 148, 168) }
```

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

```
.border{ border-color:rgb(254, 148, 168) }
```

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

Here you see how a box with a 4 pixel rgb(254, 148, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 148, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 148, 168);  
box-shadow:4px 4px 4px 4px rgb(254, 148,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 42.592, 9.461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 148, 168) }
```

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

```
.background{ background-color: rgb(254,  
148, 168) }
```

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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