

Converting Colors

CIELCh(72, 46.981, 359.287)

Have a look what the booklet for
CIELCh(72, 46.981, 359.287)
contains.

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Color

CIELCh(72, 47.251, 359.333)

Conversions

Conversions Part 1

Format	Color
Hex	FF8DB3
RGB	255, 141, 179
RGB Percent	100%, 55%, 70%
CMY	0.0000, 0.4463, 0.2974
CMYK	0.00, 0.45, 0.30, 0.00
HSL	340°, 100%, 78%
HSV	340°, 45%, 100%
XYZ	59.0151, 43.6590, 48.0562
YIQ	179.4180, 55.7460, 35.9860

Conversions

Conversions Part 2

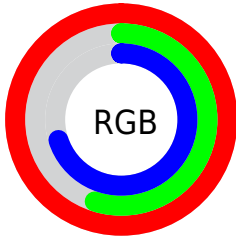
Format	Color
R _Y B	255, 141, 179
Decimal	16747955
CIE Lab	72.00, 47.25, -0.55
CIE LCh	72, 47.251, 359.333
Yxy	43.6590, 0.3915, 0.2897
Android (android.graphics.Color)	4294938035 (0xFFFF8DB3)
YUV	179.4180, -0.2061, 66.2854
Hunter-Lab	66.0750, 43.7967, 3.1310

Details

The CIELCh color **72, 47.251, 359.333** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **93, 41.937, 168.860**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 28.675, 337.862**, and **52, 47.516, 359.587** is the 20% darker color. If you saturate the color by 10%, you get **67, 57.447, 1.318**, and if you desaturate by 10%, it is **78, 36.451, 357.632**.

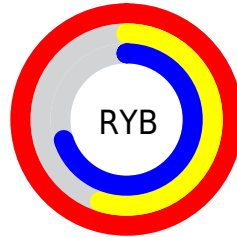
Distribution



Red (100%)

Green (55%)

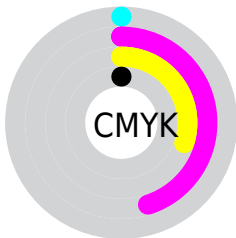
Blue (70%)



Red (100%)

Yellow (55%)

Blue (70%)

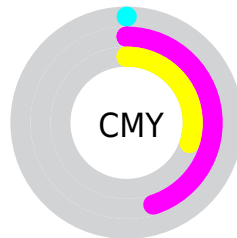


Cyan (0%)

Magenta (45%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (45%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 47.251, 359.333 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 72, 47.251, 359.333 by changing the saturation by 10% instead.


 72, 47.251,
359.333


 72, 47.251,
359.333


 100, 47.251,
359.333


 62, 47.251,
359.333


 92, 47.251,
359.333

 52, 47.251,
359.333

 42, 47.251,
359.333

 32, 47.251,
359.333

 22, 47.251,
359.333

 12, 47.251,
359.333

 2, 47.251, 359.333

0, 47.251, 359.333

72, 47.251,
359.333

72, 47.251,
359.333

67, 57.447, 1.318

78, 36.451,
357.632

62, 66.751, 3.863

84, 25.632,
356.251

59, 74.588, 7.095

56, 80.621, 11.194

90, 14.983,
355.066

54, 84.928, 16.252

97, 4.658, 353.970

54, 86.875, 19.228

100, 0.012,
296.813

Harmonies

Complementary

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



72, 47.251, 359.333



93, 41.937, 168.860

Rectangle

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



72, 47.251, 359.333



72, 47.251, 49.333



72, 47.251, 179.333



72, 47.251, 229.333

Sweetspot

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



72, 47.184, 359.287



91, 13.270, 354.886



70, 65.988, 316.070



47, 9.322, 355.130



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 47.184, 359.287



67, 56.818, 1.175



75, 41.833, 35.265



50, 5.766, 354.508



40, 69.643, 18.150



10, 31.346, 10.269

Inverse Universe

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



72, 47.184, 359.287



67, 56.818, 1.175



89, 29.711, 215.275



50, 5.766, 354.508



40, 69.643, 18.150



10, 31.346, 10.269

Previews

White Background



This preview shows how the CIELCh color 72, 47.251, 359.333 looks on a white background.

Color Contrast Check

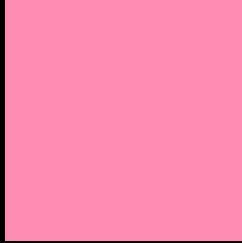
Large Text (above 18pt) WCAG AA × Fail

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 72, 47.251, 359.333 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 72, 47.251, 359.333

Background



This preview shows how black text looks on a background with the CIELCh color 72, 47.251, 359.333.



This preview shows how white text looks on a background with the CIELCh color 72, 47.251, 359.333.

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

72, 47.251, 359.333

Protanopia

72, 13.088, 286.818

Deuteranopia

72, 9.330, 10.167



Tritanopia
72, 43.533, 16.243

Trichromacy



Original Color
72, 47.251, 359.333



Protanomaly
71, 21.646, 334.623



Deuteranomaly
72, 23.506, 0.142



Tritanomaly
72, 44.281, 10.286

Monochromacy



Original Color
72, 47.251, 359.333



Achromatopsia
73, 0.009, 296.813



Achromatomaly
72, 17.330, 355.114

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 47.251, 359.333 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, 141, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 141, 179)  
}
```

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, 141, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 141, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 47.251, 359.333 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, 141, 179) }
```

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

```
.border{ border-color:rgb(255, 141, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 141, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 141, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 141, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 141,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 47.251, 359.333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 141, 179) }
```

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

```
.background{ background-color: rgb(255,  
141, 179) }
```

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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