

Converting Colors

CIELCh(72, 48.068, 350.481)

Have a look what the booklet for
CIELCh(72, 48.068, 350.481)
contains.

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Color

CIELCh(72, 47.767, 350.679)

Conversions

Conversions Part 1

Format	Color
Hex	FB8EC0
RGB	251, 142, 192
RGB Percent	98%, 56%, 75%
CMY	0.0157, 0.4431, 0.2471
CMYK	0.00, 0.43, 0.24, 0.02
HSL	332°, 93%, 77%
HSV	332°, 43%, 98%
XYZ	58.9688, 43.6590, 55.1863
YIQ	180.2910, 48.9140, 38.6580

Conversions

Conversions Part 2

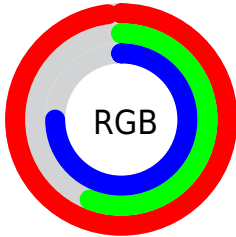
Format	Color
R _Y B	251, 142, 192
Decimal	16486080
CIE Lab	72.00, 47.14, -7.74
CIE LCh	72, 47.767, 350.679
Yxy	43.6590, 0.3737, 0.2766
Android (android.graphics.Color)	4294676160 (0xFFFB8EC0)
YUV	180.2910, 5.7725, 62.0118
Hunter-Lab	66.0750, 43.6717, -3.2670

Details

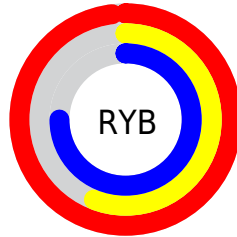
The CIELCh color $72, 47.767, 350.679$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $91, 44.826, 161.411$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $86, 32.881, 329.303$, and $52, 48.061, 350.227$ is the 20% darker color. If you saturate the color by 10%, you get $67, 58.043, 352.303$, and if you desaturate by 10%, it is $78, 36.835, 349.317$.

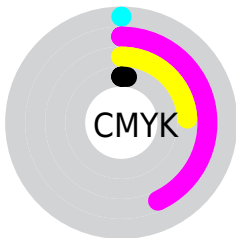
Distribution



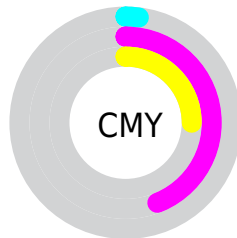
- Red (98%)
- Green (56%)
- Blue (75%)



- Red (98%)
- Yellow (56%)
- Blue (75%)



- Cyan (0%)
- Magenta (43%)
- Yellow (24%)
- Black (2%)





- Cyan (2%)
- Magenta (44%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 47.767, 350.679 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, 47.767, 350.679 by changing the saturation by 10% instead.


 72, 47.767,
350.679


 72, 47.767,
350.679


 100, 47.767,
350.679


 62, 47.767,
350.679


 92, 47.767,
350.679

 52, 47.767,
350.679

 42, 47.767,
350.679

 32, 47.767,
350.679

 22, 47.767,
350.679

 12, 47.767,
350.679

 2, 47.767, 350.679

0, 47.767, 350.679

72, 47.767,
350.679

72, 47.767,
350.679

67, 58.043,
352.303

78, 36.835,
349.317

62, 67.140,
354.287

84, 25.670,
348.144

59, 74.477,
356.770

90, 14.554,
347.106

56, 79.599,
359.923

96, 3.665, 346.094

54, 82.420, 3.916

100, 1.390,
199.794

54, 83.418, 6.962

Harmonies

Complementary

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



72, 47.767, 350.679



91, 44.826, 161.411

Rectangle

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



72, 47.767, 350.679



72, 47.767, 40.679



72, 47.767, 170.679



72, 47.767, 220.679

Sweetspot

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



72, 47.764, 350.680



91, 14.269, 347.065



68, 62.452, 312.334



47, 10.012, 347.285



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, 47.764, 350.680



69, 57.365, 352.060



71, 43.742, 26.186



49, 6.109, 346.722



40, 67.325, 6.044



10, 30.737, 359.534

Inverse Universe

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



72, 47.764, 350.680



69, 57.365, 352.060



91, 31.703, 200.882



49, 6.109, 346.722



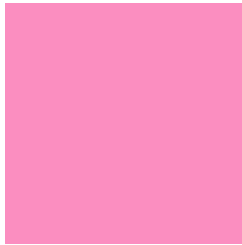
40, 67.325, 6.044



10, 30.737, 359.534

Previews

White Background



This preview shows how the CIELCh color 72, 47.767, 350.679 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, 47.767, 350.679 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, 47.767, 350.679

Background



This preview shows how black text looks on a background with the CIELCh color 72, 47.767, 350.679.



This preview shows how white text looks on a background with the CIELCh color 72, 47.767, 350.679.

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, 47.767, 350.679

Protanopia

72, 21.286, 286.762

Deuteranopia

72, 10.589, 329.932



Tritanopia
72, 40.212, 15.174

Trichromacy



Original Color
72, 47.767, 350.679



Protanomaly
71, 26.830, 320.857



Deuteranomaly
72, 24.324, 343.138

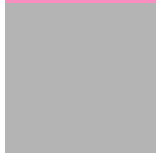


Tritanomaly
72, 41.828, 5.319

Monochromacy



Original Color
72, 47.767, 350.679



Achromatopsia
73, 0.009, 296.813



Achromatomaly
72, 17.959, 348.204

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 47.767, 350.679 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(251, 142, 192)` looks like.

```
.text, #text, p{  
    color:rgb(251, 142, 192)  
}
```

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(251, 142, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 142, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 47.767, 350.679 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(251, 142, 192) }
```

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

```
.border{ border-color:rgb(251, 142, 192) }
```

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

Here you see how a box with a 4 pixel rgb(251, 142, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 142, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 142, 192);  
box-shadow:4px 4px 4px 4px rgb(251, 142,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 47.767, 350.679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 142, 192) }
```

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

```
.background{ background-color: rgb(251,  
142, 192) }
```

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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