

Converting Colors

CIELCh(72, 47.152, 356.485)

Have a look what the booklet for
CIELCh(72, 47.152, 356.485)
contains.

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Color

CIELCh(72, 46.993, 356.923)

Conversions

Conversions Part 1

Format	Color
Hex	FE8EB7
RGB	254, 142, 183
RGB Percent	100%, 56%, 72%
CMY	0.0053, 0.4444, 0.2836
CMYK	0.00, 0.44, 0.28, 0.01
HSL	338°, 98%, 78%
HSV	338°, 44%, 99%
XYZ	58.8813, 43.6590, 49.9479
YIQ	180.1620, 53.5910, 36.4950

Conversions

Conversions Part 2

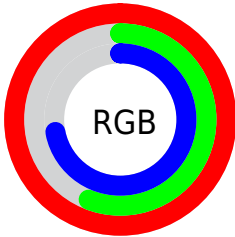
Format	Color
R_{YB}	254, 142, 183
Decimal	16682679
CIE _{Lab}	72.00, 46.93, -2.52
CIE _{LCh}	72, 46.993, 356.923
Yxy	43.6590, 0.3861, 0.2863
Android (android.graphics.Color)	4294872759 (0xFFFE8EB7)
YUV	180.1620, 1.3991, 64.7559
Hunter-Lab	66.0750, 43.4353, 1.4335

Details

The CIELCh color **72, 46.993, 356.923** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **92, 42.465, 166.807**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 29.457, 335.072**, and **52, 47.252, 356.943** is the 20% darker color. If you saturate the color by 10%, you get **67, 57.216, 358.847**, and if you desaturate by 10%, it is **78, 36.248, 355.347**.

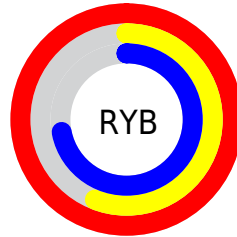
Distribution



Red (100%)

Green (56%)

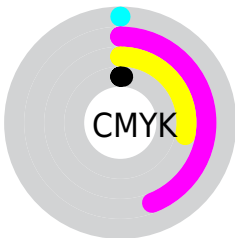
Blue (72%)



Red (100%)

Yellow (56%)

Blue (72%)

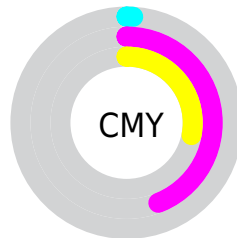


Cyan (0%)

Magenta (44%)

Yellow (28%)

Black (1%)



Cyan (1%)


Magenta (44%)


Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 46.993, 356.923 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, 46.993, 356.923 by changing the saturation by 10% instead.


 72, 46.993,
356.923


 72, 46.993,
356.923


 100, 46.993,
356.923

 62, 46.993,
356.923


 92, 46.993,
356.923

 52, 46.993,
356.923

 42, 46.993,
356.923

 32, 46.993,
356.923

 22, 46.993,
356.923

 12, 46.993,
356.923

 2, 46.993, 356.923

0, 46.993, 356.923

72, 46.993,
356.923

72, 46.993,
356.923

67, 57.216,
358.847

78, 36.248,
355.347

62, 66.427, 1.242

84, 25.381,
354.019

59, 74.093, 4.279

90, 14.651,
352.871

56, 79.839, 8.140

54, 83.695, 12.957

97, 4.218, 351.791

54, 85.454, 16.116

100, 0.471,
200.782

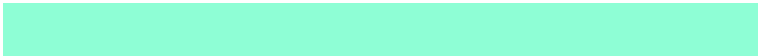
Harmonies

Complementary

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



72, 46.993, 356.923



92, 42.465, 166.807

Rectangle

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



72, 46.993, 356.923



72, 46.993, 46.923



72, 46.993, 176.923



72, 46.993, 226.923

Sweetspot

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



72, 46.990, 356.925



91, 13.503, 352.748



70, 64.832, 315.524



47, 9.483, 352.987



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, 46.990, 356.925



68, 56.333, 358.609



74, 41.593, 33.838



50, 5.870, 352.378



40, 68.876, 15.080



10, 31.288, 7.671

Inverse Universe

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



72, 46.990, 356.925



68, 56.333, 358.609



89, 29.653, 213.002



50, 5.870, 352.378



40, 68.876, 15.080



10, 31.288, 7.671

Previews

White Background



This preview shows how the CIELCh color 72, 46.993, 356.923 looks on a white background.

Color Contrast Check

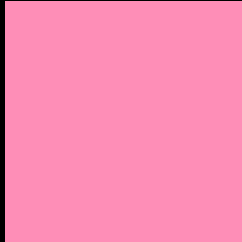
Large Text (above 18pt) WCAG AA × Fail

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, 46.993, 356.923 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, 46.993, 356.923

Background



This preview shows how black text looks on a background with the CIELCh color 72, 46.993, 356.923.



This preview shows how white text looks on a background with the CIELCh color 72, 46.993, 356.923.

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, 46.993, 356.923

Protanopia
72, 15.275, 286.424

Deuteranopia
72, 9.525, 356.749



Tritanopia
72, 42.292, 15.856

Trichromacy



Original Color
72, 46.993, 356.923



Protanomaly
72, 22.337, 330.228



Deuteranomaly
72, 23.868, 354.810



Tritanomaly
72, 43.588, 8.536

Monochromacy



Original Color
72, 46.993, 356.923



Achromatopsia
73, 0.009, 296.813



Achromatomaly
72, 17.546, 353.497

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 46.993, 356.923 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, 142, 183)` looks like.

```
.text, #text, p{  
    color:rgb(254, 142, 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(254, 142, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 142, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 46.993, 356.923 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, 142, 183) }
```

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

```
.border{ border-color:rgb(254, 142, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 142, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 142, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 142, 183);  
box-shadow:4px 4px 4px 4px rgb(254, 142,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 46.993, 356.923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 142, 183) }
```

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

```
.background{ background-color: rgb(254,  
142, 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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