

Converting Colors

CIELCh(72, 46.252, 0.454)

Have a look what the booklet for
CIELCh(72, 46.252, 0.454) contains.

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Color

CIELCh(72, 46.159, 0.712)

Conversions

Conversions Part 1

Format	Color
Hex	FE8EB1
RGB	254, 142, 177
RGB Percent	100%, 56%, 69%
CMY	0.0034, 0.4426, 0.3054
CMYK	0.00, 0.44, 0.30, 0.00
HSL	341°, 98%, 78%
HSV	341°, 44%, 100%
XYZ	58.5629, 43.6590, 47.0002
YIQ	179.4780, 55.5170, 34.6290

Conversions

Conversions Part 2

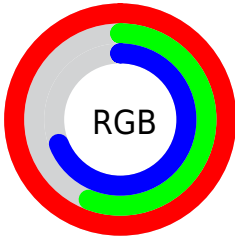
Format	Color
RYB	254, 142, 177
Decimal	16682673
CIELab	72.00, 46.16, 0.57
CIELCh	72, 46.159, 0.712
Yxy	43.6590, 0.3925, 0.2926
Android (android.graphics.Color)	4294872753 (0xFFFE8EB1)
YUV	179.4780, -1.2217, 65.3558
Hunter-Lab	66.0750, 42.5750, 4.0786

Details

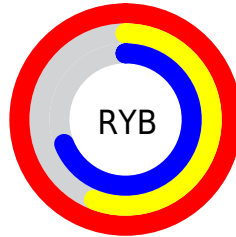
The CIELCh color $72, 46.159, 0.712$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $93, 40.642, 170.396$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $86, 27.396, 339.740$, and $52, 46.094, 0.638$ is the 20% darker color. If you saturate the color by 10%, you get $67, 56.463, 2.771$, and if you desaturate by 10%, it is $78, 35.454, 359.041$.

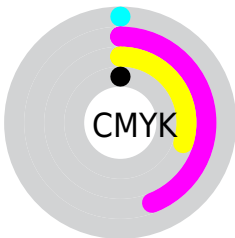
Distribution



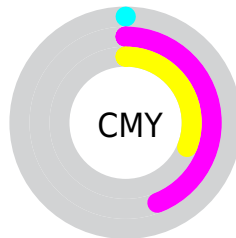
- Red (100%)
- Green (56%)
- Blue (69%)



- Red (100%)
- Yellow (56%)
- Blue (69%)



- Cyan (0%)
- Magenta (44%)
- Yellow (30%)
- Black (0%)



- Cyan (0%)
- Magenta (44%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 46.159, 0.712 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, 46.159, 0.712 by changing the saturation by 10% instead.

 72, 46.159, 0.712  72, 46.159, 0.712

 100, 46.159, 0.712  62, 46.159, 0.712

 92, 46.159, 0.712  52, 46.159, 0.712

 42, 46.159, 0.712

 32, 46.159, 0.712

 22, 46.159, 0.712

 12, 46.159, 0.712

 2, 46.159, 0.712

 0, 46.159, 0.712

 72, 46.159, 0.712  72, 46.159, 0.712

67, 56.463, 2.771

78, 35.454,
359.041

62, 65.904, 5.354

84, 24.722,
357.649

58, 73.984, 8.635

56, 80.367, 12.787

90, 14.201,
356.458

54, 85.109, 17.890

97, 4.030, 355.342

54, 87.507, 21.209

100, 0.300,
201.599

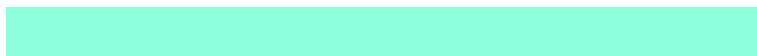
Harmonies

Complementary

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



72, 46.159, 0.712



93, 40.642, 170.396

Rectangle

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



72, 46.159, 0.712



72, 46.159, 50.712



72, 46.159, 180.712



72, 46.159, 230.712

Sweetspot

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



72, 46.156, 0.714



91, 13.127, 356.339



71, 65.289, 317.094



47, 9.224, 356.585



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, 46.156, 0.714



67, 55.542, 2.530



76, 40.202, 38.104



50, 5.702, 355.957



40, 70.274, 20.132



10, 31.413, 11.866

Inverse Universe

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



72, 46.156, 0.714



67, 55.542, 2.530



88, 28.825, 219.852



50, 5.702, 355.957



40, 70.274, 20.132



10, 31.413, 11.866

Previews

White Background



This preview shows how the CIELCh color 72, 46.159, 0.712 looks on a white background.

Color Contrast Check

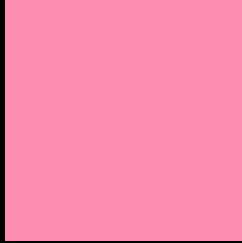
Large Text (above 18pt) WCAG AA × Fail

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, 46.159, 0.712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

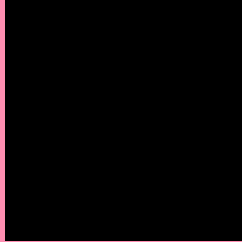
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 46.159, 0.712

Background



This preview shows how black text looks on a background with the CIELCh color 72, 46.159, 0.712.



This preview shows how white text looks on a background with the CIELCh color 72, 46.159, 0.712.

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, 46.159, 0.712

Protanopia

72, 11.443, 287.732

Deuteranopia

72, 9.631, 16.983



Tritanopia
72, 42.690, 15.977

Trichromacy



Original Color
72, 46.159, 0.712



Protanomaly
72, 20.257, 337.044



Deuteranomaly
72, 22.703, 3.612



Tritanomaly
72, 43.454, 10.611

Monochromacy



Original Color
72, 46.159, 0.712



Achromatopsia
73, 0.009, 296.813



Achromatomaly
72, 17.130, 356.772

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 46.159, 0.712 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, 177)` looks like.

```
.text, #text, p{  
    color:rgb(254, 142, 177)  
}
```

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, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 142, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 46.159, 0.712 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, 177) }
```

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

```
.border{ border-color:rgb(254, 142, 177) }
```

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, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 142, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 142, 177);  
box-shadow:4px 4px 4px 4px rgb(254, 142,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 46.159, 0.712 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, 177) }
```

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

```
.background{ background-color: rgb(254,  
142, 177) }
```

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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