

Converting Colors

CIELCh(72, 38.772, 7.493)

Have a look what the booklet for
CIELCh(72, 38.772, 7.493) contains.

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Color

CIELCh(72, 38.772, 7.493)

Conversions

Conversions Part 1

Format	Color
Hex	F595A9
RGB	245, 149, 169
RGB Percent	96%, 58%, 66%
CMY	0.0401, 0.4165, 0.3380
CMYK	0.00, 0.39, 0.31, 0.04
HSL	347°, 82%, 77%
HSV	347°, 39%, 96%
XYZ	55.4347, 43.6590, 42.9415
YIQ	179.9840, 50.7960, 26.5720

Conversions

Conversions Part 2

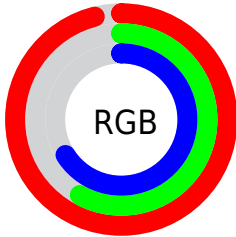
Format	Color
R _Y B	245, 149, 169
Decimal	16094633
CIE Lab	72.00, 38.44, 5.06
CIE LCh	72, 38.772, 7.493
Yxy	43.6590, 0.3903, 0.3074
Android (android.graphics.Color)	4294284713 (0xFFFF595A9)
YUV	179.9840, -5.4151, 57.0190
Hunter-Lab	66.0750, 34.1243, 7.7205

Details

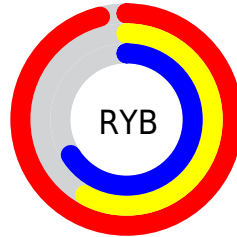
The CIELCh color **72, 38.772, 7.493** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **90, 32.897, 178.786**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 21.295, 351.848**, and **52, 38.748, 7.241** is the 20% darker color. If you saturate the color by 10%, you get **67, 49.203, 9.490**, and if you desaturate by 10%, it is **78, 28.366, 5.887**.

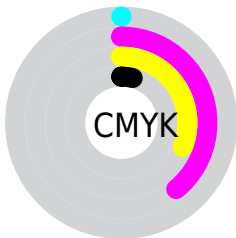
Distribution



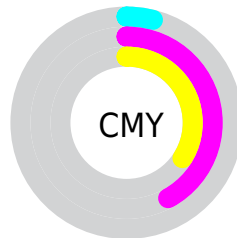
- Red (96%)
- Green (58%)
- Blue (66%)



- Red (96%)
- Yellow (58%)
- Blue (66%)



- Cyan (0%)
- Magenta (39%)
- Yellow (31%)
- Black (4%)



- Cyan (4%)
- Magenta (42%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 38.772, 7.493 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, 38.772, 7.493 by changing the saturation by 10% instead.

 72, 38.772, 7.493

 72, 38.772, 7.493

 100, 38.772, 7.493

 62, 38.772, 7.493

 92, 38.772, 7.493

 52, 38.772, 7.493

 42, 38.772, 7.493

 32, 38.772, 7.493

 22, 38.772, 7.493

 12, 38.772, 7.493

 2, 38.772, 7.493

 0, 38.772, 7.493

 72, 38.772, 7.493

 72, 38.772, 7.493

67, 49.203, 9.490

78, 28.366, 5.887

62, 59.316, 12.002

84, 18.238, 4.559

58, 68.688, 15.192

90, 8.525, 3.420

55, 76.950, 19.203

97, 0.708, 183.384

53, 83.958, 24.070

99, 3.535, 199.369

51, 89.951, 29.464

51, 90.425, 29.869

Harmonies

Complementary

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



72, 38.772, 7.493



90, 32.897, 178.786

Rectangle

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



72, 38.772, 7.493



72, 38.772, 57.493



72, 38.772, 187.493



72, 38.772, 237.493

Sweetspot

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



72, 38.769, 7.496



92, 11.568, 3.728



72, 57.379, 320.024



48, 7.699, 3.874



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, 38.769, 7.496



70, 48.500, 9.032



78, 32.314, 47.654



48, 5.266, 3.450



39, 72.982, 28.851



9, 29.966, 16.323

Inverse Universe

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



72, 38.769, 7.496



70, 48.500, 9.032



83, 24.985, 233.600



48, 5.266, 3.450



39, 72.982, 28.851



9, 29.966, 16.323

Previews

White Background



This preview shows how the CIELCh color 72, 38.772, 7.493 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, 38.772, 7.493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

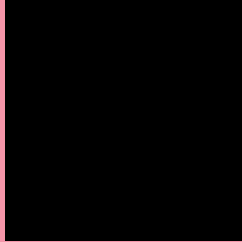
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 38.772, 7.493

Background



This preview shows how black text looks on a background with the CIELCh color 72, 38.772, 7.493.

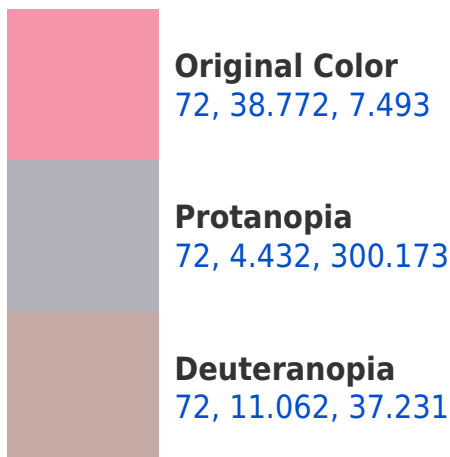


This preview shows how white text looks on a background with the CIELCh color 72, 38.772, 7.493.

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](#).

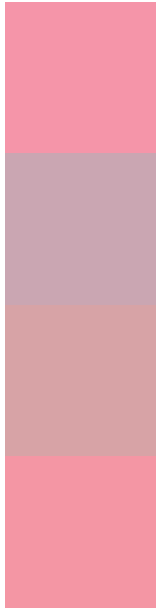
Dichromacy





Tritanopia
72, 37.742, 14.313

Trichromacy



Original Color
72, 38.772, 7.493

Protanomaly
72, 15.176, 355.430

Deuteranomaly
72, 20.514, 16.770

Tritanomaly
72, 37.746, 11.879

Monochromacy



Original Color
72, 38.772, 7.493

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 13.937, 4.919

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 38.772, 7.493 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(245, 149, 169)` looks like.

```
.text, #text, p{  
    color:rgb(245, 149, 169)  
}
```

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(245, 149, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 149, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 38.772, 7.493 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(245, 149, 169) }
```

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

```
.border{ border-color:rgb(245, 149, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 149, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 149, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 149, 169);  
box-shadow:4px 4px 4px 4px rgb(245, 149,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 38.772, 7.493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 149, 169) }
```

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

```
.background{ background-color: rgb(245,  
149, 169) }
```

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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