

Converting Colors

CIELCh(72, 40.612, 5.358)

Have a look what the booklet for
CIELCh(72, 40.612, 5.358) contains.

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Color

CIELCh(72, 40.612, 5.358)

Conversions

Conversions Part 1

Format	Color
Hex	F793AB
RGB	247, 147, 171
RGB Percent	97%, 58%, 67%
CMY	0.0308, 0.4230, 0.3289
CMYK	0.00, 0.40, 0.31, 0.03
HSL	346°, 86%, 77%
HSV	346°, 40%, 97%
XYZ	56.2321, 43.6590, 44.0611
YIQ	179.6360, 51.8960, 28.6640

Conversions

Conversions Part 2

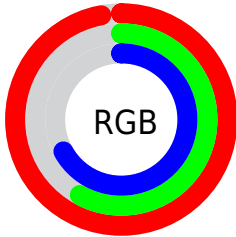
Format	Color
RYB	247, 147, 171
Decimal	16225195
CIELab	72.00, 40.43, 3.79
CIElCh	72, 40.612, 5.358
Yxy	43.6590, 0.3906, 0.3033
Android (android.graphics.Color)	4294415275 (0xFF793AB)
YUV	179.6360, -4.2575, 59.0782
Hunter-Lab	66.0750, 36.2786, 6.7159

Details

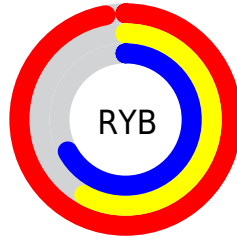
The CIELCh color $72, 40.612, 5.358$ is a light color, and the websafe version is hex FF9999 . A complement of this color would be $91, 34.852, 176.161$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $87, 22.935, 348.207$, and $52, 40.597, 5.134$ is the 20% darker color. If you saturate the color by 10%, you get $67, 51.008, 7.381$, and if you desaturate by 10%, it is $78, 30.128, 3.725$.

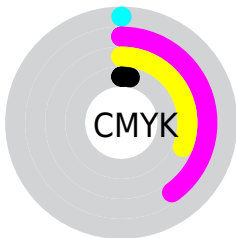
Distribution



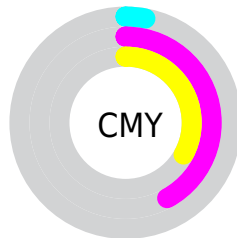
- Red (97%)
- Green (58%)
- Blue (67%)



- Red (97%)
- Yellow (58%)
- Blue (67%)



- Cyan (0%)
- Magenta (40%)
- Yellow (31%)
- Black (3%)



- Cyan (3%)
- Magenta (42%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 40.612, 5.358 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, 40.612, 5.358 by changing the saturation by 10% instead.

 72, 40.612, 5.358

 72, 40.612, 5.358

 100, 40.612, 5.358

 62, 40.612, 5.358

 92, 40.612, 5.358

 52, 40.612, 5.358

 42, 40.612, 5.358

 32, 40.612, 5.358

 22, 40.612, 5.358

 12, 40.612, 5.358

 2, 40.612, 5.358

 0, 40.612, 5.358

 72, 40.612, 5.358

 72, 40.612, 5.358

67, 51.008, 7.381

78, 30.128, 3.725

62, 60.938, 9.921

84, 19.841, 2.371

58, 69.957, 13.147

90, 9.915, 1.211

55, 77.697, 17.212

97, 0.434, 358.956

53, 84.065, 22.171

99, 2.717, 199.477

52, 89.250, 27.426

Harmonies

Complementary

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



72, 40.612, 5.358



91, 34.852, 176.161

Rectangle

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



72, 40.612, 5.358



72, 40.612, 55.358



72, 40.612, 185.358



72, 40.612, 235.358

Sweetspot

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



72, 40.609, 5.361



92, 11.705, 1.383



72, 59.296, 319.038



48, 7.788, 1.529



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, 40.609, 5.361



69, 50.775, 7.074



77, 34.257, 44.273



48, 5.331, 1.103



39, 71.549, 26.342



9, 29.851, 14.725

Inverse Universe

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



72, 40.609, 5.361



69, 50.775, 7.074



85, 25.848, 228.970



48, 5.331, 1.103



39, 71.549, 26.342



9, 29.851, 14.725

Previews

White Background



This preview shows how the CIELCh color 72, 40.612, 5.358 looks on a white background.

Color Contrast Check

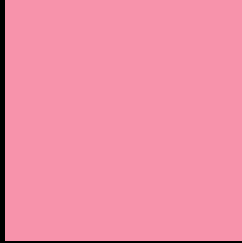
Large Text (above 18pt) WCAG AA × Fail

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, 40.612, 5.358 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, 40.612, 5.358

Background



This preview shows how black text looks on a background with the CIELCh color 72, 40.612, 5.358.



This preview shows how white text looks on a background with the CIELCh color 72, 40.612, 5.358.

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, 40.612, 5.358

Protanopia

72, 6.552, 294.006

Deuteranopia

72, 10.742, 31.823



Tritanopia
72, 38.976, 14.751

Trichromacy



Original Color
72, 40.612, 5.358



Protanomaly
72, 16.461, 349.129



Deuteranomaly
72, 21.411, 11.278



Tritanomaly
72, 39.419, 11.026

Monochromacy



Original Color
72, 40.612, 5.358



Achromatopsia
73, 0.009, 296.813



Achromatomaly
72, 14.599, 1.268

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 40.612, 5.358 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(247, 147, 171)` looks like.

```
.text, #text, p{  
    color:rgb(247, 147, 171)  
}
```

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(247, 147, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 147, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 40.612, 5.358 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(247, 147, 171) }
```

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

```
.border{ border-color:rgb(247, 147, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 147, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 147, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 147, 171);  
box-shadow:4px 4px 4px 4px rgb(247, 147,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 40.612, 5.358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 147, 171) }
```

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

```
.background{ background-color: rgb(247,  
147, 171) }
```

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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