

Converting Colors

CIELCh(72, 41.745, 355.780)

Have a look what the booklet for
CIELCh(72, 41.745, 355.780)
contains.

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Color

CIELCh(72, 41.418, 356.143)

Conversions

Conversions Part 1

Format	Color
Hex	F593B7
RGB	245, 147, 183
RGB Percent	96%, 58%, 72%
CMY	0.0395, 0.4238, 0.2826
CMYK	0.00, 0.40, 0.25, 0.04
HSL	338°, 83%, 77%
HSV	338°, 40%, 96%
XYZ	56.5905, 43.6590, 50.2044
YIQ	180.4060, 46.8520, 31.9720

Conversions

Conversions Part 2

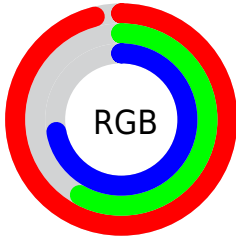
Format	Color
R_{YB}	245, 147, 183
Decimal	16094135
CIE _{Lab}	72.00, 41.32, -2.79
CIE _{LCh}	72, 41.418, 356.143
Yxy	43.6590, 0.3761, 0.2902
Android (android.graphics.Color)	4294284215 (0xFFFF593B7)
YUV	180.4060, 1.2788, 56.6489
Hunter-Lab	66.0750, 37.2466, 1.2034

Details

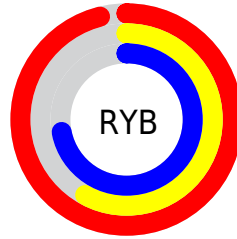
The CIELCh color **72, 41.418, 356.143** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **90, 37.787, 167.279**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 26.976, 335.833**, and **52, 41.561, 356.313** is the 20% darker color. If you saturate the color by 10%, you get **67, 51.621, 357.902**, and if you desaturate by 10%, it is **78, 30.881, 354.686**.

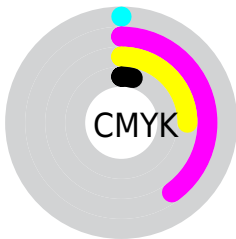
Distribution



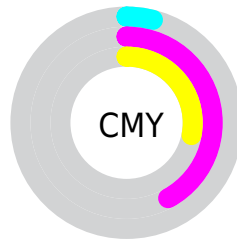
- Red (96%)
- Green (58%)
- Blue (72%)



- Red (96%)
- Yellow (58%)
- Blue (72%)



- Cyan (0%)
- Magenta (40%)
- Yellow (25%)
- Black (4%)





- Cyan (4%)
- Magenta (42%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 41.418, 356.143 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, 41.418, 356.143 by changing the saturation by 10% instead.


 72, 41.418,
356.143


 72, 41.418,
356.143


 100, 41.418,
356.143


 62, 41.418,
356.143


 92, 41.418,
356.143

 52, 41.418,
356.143

 42, 41.418,
356.143

 32, 41.418,
356.143

 22, 41.418,
356.143

 12, 41.418,
356.143

 2, 41.418, 356.143

0, 41.418, 356.143

72, 41.418,
356.143

72, 41.418,
356.143

67, 51.621,
357.902

78, 30.881,
354.686

62, 61.055, 0.071

84, 20.344,
353.445

58, 69.198, 2.802

90, 10.015,
352.353

55, 75.596, 6.276

53, 80.080, 10.659

97, 0.016, 317.381

52, 83.154, 15.888

99, 3.484, 199.374

Harmonies

Complementary

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



72, 41.418, 356.143



90, 37.787, 167.279

Rectangle

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



72, 41.418, 356.143



72, 41.418, 46.143



72, 41.418, 176.143



72, 41.418, 226.143

Sweetspot

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



72, 41.415, 356.145



92, 12.451, 352.566



70, 56.941, 314.816



48, 8.277, 352.705



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, 41.415, 356.145



70, 51.265, 357.540



74, 36.480, 32.085



48, 5.680, 352.299



39, 67.458, 14.854



9, 29.618, 6.538

Inverse Universe

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



72, 41.415, 356.145



70, 51.265, 357.540



88, 27.008, 210.648



48, 5.680, 352.299



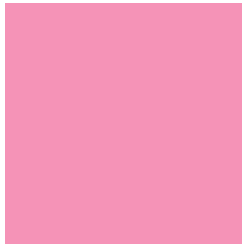
39, 67.458, 14.854



9, 29.618, 6.538

Previews

White Background



This preview shows how the CIELCh color 72, 41.418, 356.143 looks on a white background.

Color Contrast Check

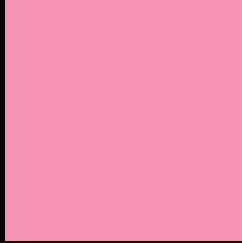
Large Text (above 18pt) WCAG AA × Fail

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, 41.418, 356.143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

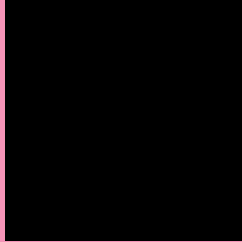
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 41.418, 356.143

Background



This preview shows how black text looks on a background with the CIELCh color 72, 41.418, 356.143.



This preview shows how white text looks on a background with the CIELCh color 72, 41.418, 356.143.

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, 41.418, 356.143

Protanopia

72, 13.629, 287.065

Deuteranopia

72, 9.401, 352.722



Tritanopia
72, 36.906, 14.002

Trichromacy



Original Color
72, 41.418, 356.143



Protanomaly
72, 20.183, 329.755



Deuteranomaly
72, 21.351, 354.329



Tritanomaly
72, 37.981, 7.042

Monochromacy



Original Color
72, 41.418, 356.143



Achromatopsia
73, 0.009, 296.813



Achromatomaly
72, 15.361, 353.563

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 41.418, 356.143 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, 147, 183)` looks like.

```
.text, #text, p{  
    color:rgb(245, 147, 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(245, 147, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 147, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 41.418, 356.143 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, 147, 183) }
```

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

```
.border{ border-color:rgb(245, 147, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 147, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 147, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 147, 183);  
box-shadow:4px 4px 4px 4px rgb(245, 147,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 41.418, 356.143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 147, 183) }
```

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

```
.background{ background-color: rgb(245,  
147, 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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