

Converting Colors

CIELCh(71, 41.411, 3.243)

Have a look what the booklet for
CIELCh(71, 41.411, 3.243) contains.

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Color

CIELCh(71, 41.351, 3.465)

Conversions

Conversions Part 1

Format	Color
Hex	F590AB
RGB	245, 144, 171
RGB Percent	96%, 56%, 67%
CMY	0.0401, 0.4361, 0.3302
CMYK	0.00, 0.41, 0.30, 0.04
HSL	344°, 83%, 76%
HSV	344°, 41%, 96%
XYZ	54.8492, 42.1875, 43.6770
YIQ	177.2770, 51.5290, 29.8090

Conversions

Conversions Part 2

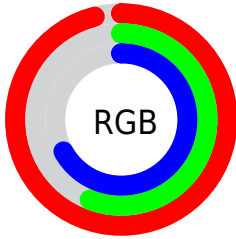
Format	Color
RYB	245, 144, 171
Decimal	16093355
CIELab	71.00, 41.28, 2.50
CIElCh	71, 41.351, 3.465
Yxy	42.1875, 0.3898, 0.2998
Android (android.graphics.Color)	4294283435 (0xFFFF590AB)
YUV	177.2770, -3.0946, 59.3931
Hunter-Lab	64.9519, 37.0702, 5.5967

Details

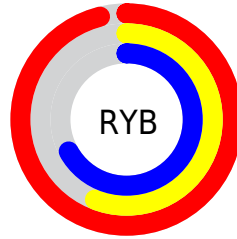
The CIELCh color **71, 41.351, 3.465** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **90, 35.898, 173.998**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 24.695, 346.624**, and **51, 41.328, 3.208** is the 20% darker color. If you saturate the color by 10%, you get **66, 51.575, 5.481**, and if you desaturate by 10%, it is **77, 30.952, 1.832**.

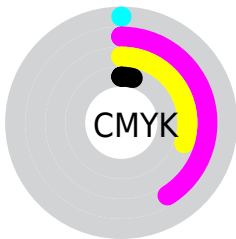
Distribution



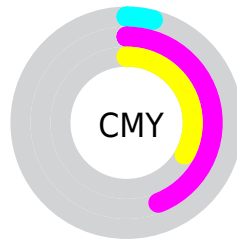
- Red (96%)
- Green (56%)
- Blue (67%)



- Red (96%)
- Yellow (56%)
- Blue (67%)



- Cyan (0%)
- Magenta (41%)
- Yellow (30%)
- Black (4%)



- Cyan (4%)
- Magenta (44%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 41.351, 3.465 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 71, 41.351, 3.465 by changing the saturation by 10% instead.

 71, 41.351, 3.465  71, 41.351, 3.465

 100, 41.351, 3.465  61, 41.351, 3.465

 91, 41.351, 3.465  51, 41.351, 3.465

 41, 41.351, 3.465


 31, 41.351, 3.465

 21, 41.351, 3.465

 11, 41.351, 3.465

 1, 41.351, 3.465

 0, 41.351, 3.465

 71, 41.351, 3.465  71, 41.351, 3.465

66, 51.575, 5.481

77, 30.952, 1.832

61, 61.227, 8.007

83, 20.681, 0.473

57, 69.847, 11.214

89, 10.721,
359.307

54, 77.070, 15.265

96, 1.170, 357.892

52, 82.832, 20.235

99, 3.535, 199.368

52, 87.094, 25.098

Harmonies

Complementary

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



71, 41.351, 3.465



90, 35.898, 173.998

Rectangle

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



71, 41.351, 3.465



71, 41.351, 53.465



71, 41.351, 183.465



71, 41.351, 233.465

Sweetspot

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



71, 41.348, 3.467



92, 11.840, 359.393



70, 59.623, 318.026



48, 7.876, 359.539



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



71, 41.348, 3.467



69, 52.015, 5.227



75, 35.358, 41.052



48, 5.394, 359.113



39, 70.415, 24.030



9, 29.762, 13.200

Inverse Universe

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



71, 41.348, 3.467



69, 52.015, 5.227



85, 26.215, 224.270



48, 5.394, 359.113



39, 70.415, 24.030



9, 29.762, 13.200

Previews

White Background



This preview shows how the CIELCh color 71, 41.351, 3.465 looks on a white background.

Color Contrast Check

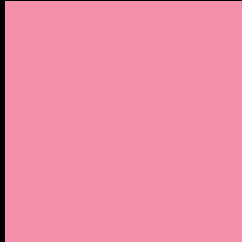
Large Text (above 18pt) WCAG AA × Fail

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 71, 41.351, 3.465 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 71, 41.351, 3.465

Background



This preview shows how black text looks on a background with the CIELCh color 71, 41.351, 3.465.

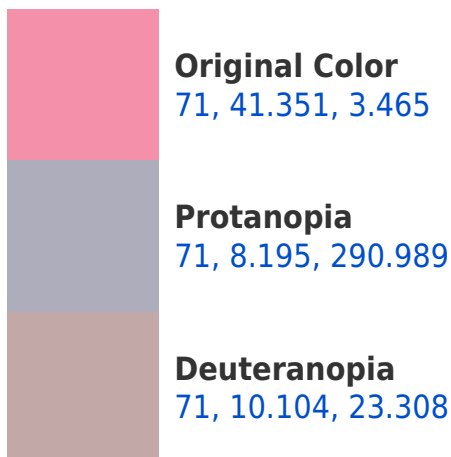


This preview shows how white text looks on a background with the CIELCh color 71, 41.351, 3.465.

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
71, 39.109, 14.834

Trichromacy



Original Color
71, 41.351, 3.465

Protanomaly
70, 17.693, 343.060

Deuteranomaly
71, 21.216, 8.187

Tritanomaly
71, 39.954, 10.515

Monochromacy



Original Color
71, 41.351, 3.465

Achromatopsia
72, 0.009, 296.813

Achromatomaly
71, 15.173, 359.881

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 41.351, 3.465 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, 144, 171)` looks like.

```
.text, #text, p{  
    color:rgb(245, 144, 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(245, 144, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 144, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 41.351, 3.465 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, 144, 171) }
```

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

```
.border{ border-color:rgb(245, 144, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 144, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 144, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 144, 171);  
box-shadow:4px 4px 4px 4px rgb(245, 144,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 41.351, 3.465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 144, 171) }
```

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

```
.background{ background-color: rgb(245,  
144, 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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