

Converting Colors

CIELCh(71, 46.253, 352.018)

Have a look what the booklet for
CIELCh(71, 46.253, 352.018)
contains.

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Color

CIELCh(71, 46.590, 351.896)

Conversions

Conversions Part 1

Format	Color
Hex	F78CBB
RGB	247, 140, 187
RGB Percent	97%, 55%, 73%
CMY	0.0308, 0.4504, 0.2662
CMYK	0.00, 0.43, 0.24, 0.03
HSL	334°, 87%, 76%
HSV	334°, 43%, 97%
XYZ	56.7885, 42.1875, 52.2369
YIQ	177.3510, 48.6850, 37.3010

Conversions

Conversions Part 2

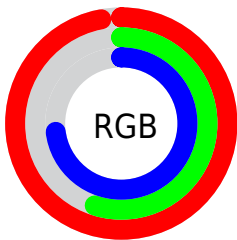
Format	Color
R _Y B	247, 140, 187
Decimal	16223419
CIE Lab	71.00, 46.12, -6.57
CIE LCh	71, 46.590, 351.896
Yxy	42.1875, 0.3756, 0.2790
Android (android.graphics.Color)	4294413499 (0xFFFF78CBB)
YUV	177.3510, 4.7570, 61.0822
Hunter-Lab	64.9519, 42.3997, -2.2170

Details

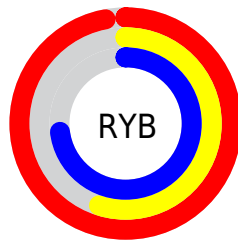
The CIELCh color **71, 46.590, 351.896** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **90, 43.434, 162.525**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **85, 32.808, 332.033**, and **51, 46.351, 351.754** is the 20% darker color. If you saturate the color by 10%, you get **66, 56.717, 353.572**, and if you desaturate by 10%, it is **77, 35.856, 350.497**.

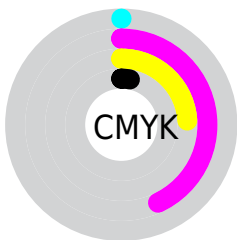
Distribution



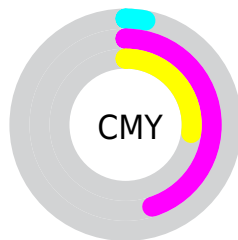
- Red (97%)
- Green (55%)
- Blue (73%)



- Red (97%)
- Yellow (55%)
- Blue (73%)



- Cyan (0%)
- Magenta (43%)
- Yellow (24%)
- Black (3%)





- Cyan (3%)
- Magenta (45%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 46.590, 351.896 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, 46.590, 351.896 by changing the saturation by 10% instead.


 71, 46.590,
351.896


 71, 46.590,
351.896


 100, 46.590,
351.896


 61, 46.590,
351.896


 91, 46.590,
351.896

 51, 46.590,
351.896

 41, 46.590,
351.896

 31, 46.590,
351.896

 21, 46.590,
351.896

 11, 46.590,
351.896

 1, 46.590, 351.896

0, 46.590, 351.896

71, 46.590,
351.896

71, 46.590,
351.896

66, 56.717,
353.572

77, 35.856,
350.497

61, 65.732,
355.628

83, 24.924,
349.296

58, 73.070,
358.207

89, 14.062,
348.238

55, 78.290, 1.485

95, 3.440, 347.203

53, 81.315, 5.632

99, 2.721, 199.476

53, 82.517, 8.849

Harmonies

Complementary

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



71, 46.590, 351.896



90, 43.434, 162.525

Rectangle

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



71, 46.590, 351.896



71, 46.590, 41.896



71, 46.590, 171.896



71, 46.590, 221.896

Sweetspot

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



71, 46.587, 351.897



91, 14.096, 348.210



68, 61.607, 312.853



47, 9.892, 348.434



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, 46.587, 351.897



68, 56.871, 353.352



71, 42.459, 27.333



48, 5.932, 347.858



40, 66.662, 7.889



9, 29.814, 0.764

Inverse Universe

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



71, 46.587, 351.897



68, 56.871, 353.352



90, 30.723, 202.734



48, 5.932, 347.858



40, 66.662, 7.889



9, 29.814, 0.764

Previews

White Background



This preview shows how the CIELCh color 71, 46.590, 351.896 looks on a white background.

Color Contrast Check

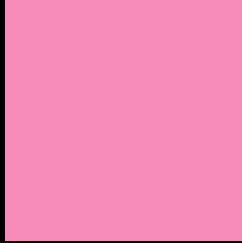
Large Text (above 18pt) WCAG AA × Fail

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, 46.590, 351.896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

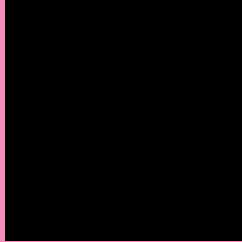
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 46.590, 351.896

Background



This preview shows how black text looks on a background with the CIELCh color 71, 46.590, 351.896.



This preview shows how white text looks on a background with the CIELCh color 71, 46.590, 351.896.

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

71, 46.590, 351.896

Protanopia

71, 19.167, 285.904

Deuteranopia

71, 9.814, 334.009



Tritanopia
71, 39.507, 14.968

Trichromacy



Original Color
71, 46.590, 351.896



Protanomaly
70, 24.857, 322.574



Deuteranomaly
71, 23.175, 345.788

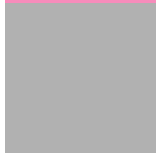


Tritanomaly
71, 41.096, 5.667

Monochromacy



Original Color
71, 46.590, 351.896



Achromatopsia
72, 0.009, 296.813



Achromatomaly
71, 17.406, 349.023

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 46.590, 351.896 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, 140, 187)` looks like.

```
.text, #text, p{  
    color:rgb(247, 140, 187)  
}
```

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, 140, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 140, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 46.590, 351.896 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, 140, 187) }
```

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

```
.border{ border-color:rgb(247, 140, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 140, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 140, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 140, 187);  
box-shadow:4px 4px 4px 4px rgb(247, 140,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 46.590, 351.896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 140, 187) }
```

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

```
.background{ background-color: rgb(247,  
140, 187) }
```

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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