

Converting Colors

CIELCh(71, 46.332, 346.911)

Have a look what the booklet for
CIELCh(71, 46.332, 346.911)
contains.

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Color

CIELCh(71, 46.517, 346.781)

Conversions

Conversions Part 1

Format	Color
Hex	F38DC2
RGB	243, 141, 194
RGB Percent	95%, 55%, 76%
CMY	0.0455, 0.4457, 0.2378
CMYK	0.00, 0.42, 0.20, 0.05
HSL	329°, 81%, 75%
HSV	329°, 42%, 95%
XYZ	56.4493, 42.1875, 56.4168
YIQ	177.5400, 43.7790, 38.1070

Conversions

Conversions Part 2

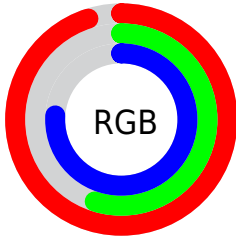
Format	Color
R _Y B	243, 141, 194
Decimal	15961538
CIE Lab	71.00, 45.28, -10.64
CIE LCh	71, 46.517, 346.781
Yxy	42.1875, 0.3641, 0.2721
Android (android.graphics.Color)	4294151618 (0xFFFF38DC2)
YUV	177.5400, 8.1148, 57.4084
Hunter-Lab	64.9519, 41.4673, -6.0326

Details

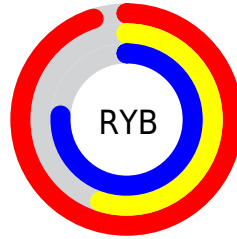
The CIELCh color $71, 46.517, 346.781$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $89, 44.514, 158.423$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $86, 35.346, 327.638$, and $51, 46.386, 347.123$ is the 20% darker color. If you saturate the color by 10%, you get $66, 56.849, 348.181$, and if you desaturate by 10%, it is $77, 35.529, 345.583$.

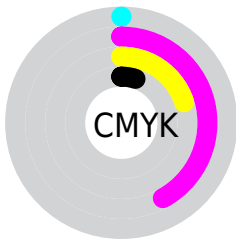
Distribution



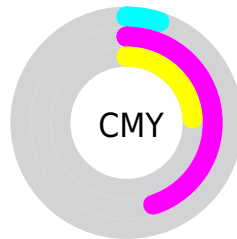
- Red (95%)
- Green (55%)
- Blue (76%)



- Red (95%)
- Yellow (55%)
- Blue (76%)



- Cyan (0%)
- Magenta (42%)
- Yellow (20%)
- Black (5%)





- Cyan (5%)
- Magenta (45%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 46.517, 346.781 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, 46.517, 346.781 by changing the saturation by 10% instead.


 71, 46.517,
346.781


 71, 46.517,
346.781


 100, 46.517,
346.781


 61, 46.517,
346.781


 91, 46.517,
346.781


 51, 46.517,
346.781

 41, 46.517,
346.781

 31, 46.517,
346.781

 21, 46.517,
346.781

 11, 46.517,
346.781

 1, 46.517, 346.781

0, 46.517, 346.781

71, 46.517,
346.781

71, 46.517,
346.781

66, 56.849,
348.181

77, 35.529,
345.583

62, 66.011,
349.855

82, 24.296,
344.529

58, 73.412,
351.915

88, 13.091,
343.579

55, 78.546,
354.501

95, 2.088, 342.551

53, 81.212,
357.777

99, 4.187, 184.035

99, 4.010, 199.316

53, 81.969, 0.943

Harmonies

Complementary

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



71, 46.517, 346.781



89, 44.514, 158.423

Rectangle

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



71, 46.517, 346.781



71, 46.517, 36.781



71, 46.517, 166.781



71, 46.517, 216.781

Sweetspot

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



71, 46.514, 346.782



92, 14.844, 343.681



67, 58.316, 310.137



47, 10.411, 343.887



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, 46.514, 346.782



70, 57.041, 347.912



70, 41.789, 21.229



48, 6.254, 343.358



40, 67.143, 0.185



9, 30.450, 354.397

Inverse Universe

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



71, 46.514, 346.782



70, 57.041, 347.912



90, 31.508, 194.150



48, 6.254, 343.358



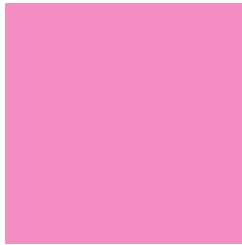
40, 67.143, 0.185



9, 30.450, 354.397

Previews

White Background



This preview shows how the CIELCh color 71, 46.517, 346.781 looks on a white background.

Color Contrast Check

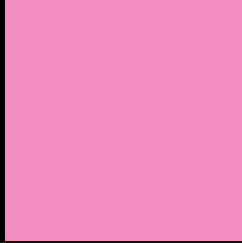
Large Text (above 18pt) WCAG AA × Fail

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, 46.517, 346.781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

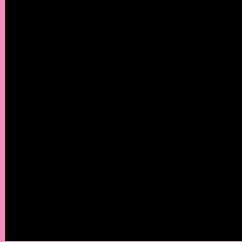
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 46.517, 346.781

Background



This preview shows how black text looks on a background with the CIELCh color 71, 46.517, 346.781.



This preview shows how white text looks on a background with the CIELCh color 71, 46.517, 346.781.

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, 37.032, 14.079

Trichromacy



Original Color
71, 46.517, 346.781



Protanomaly
70, 27.713, 316.536



Deuteranomaly
71, 24.621, 336.709

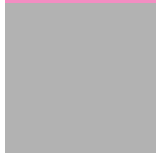


Tritanomaly
71, 39.014, 2.673

Monochromacy



Original Color
71, 46.517, 346.781



Achromatopsia
73, 0.009, 296.813



Achromatomaly
72, 17.331, 344.481

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 46.517, 346.781 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(243, 141, 194)` looks like.

```
.text, #text, p{  
    color:rgb(243, 141, 194)  
}
```

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(243, 141, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 141, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 46.517, 346.781 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(243, 141, 194) }
```

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

```
.border{ border-color:rgb(243, 141, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 141, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 141, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 141, 194);  
box-shadow:4px 4px 4px 4px rgb(243, 141,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 46.517, 346.781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 141, 194) }
```

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

```
.background{ background-color: rgb(243,  
141, 194) }
```

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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