

Converting Colors

CIELCh(71, 61.142, 333.934)

Have a look what the booklet for
CIELCh(71, 61.142, 333.934)
contains.

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Color

CIELCh(71, 60.965, 333.723)

Conversions

Conversions Part 1

Format	Color
Hex	F786E0
RGB	247, 134, 224
RGB Percent	97%, 53%, 88%
CMY	0.0315, 0.4746, 0.1217
CMYK	0.00, 0.46, 0.09, 0.03
HSL	312°, 88%, 75%
HSV	312°, 46%, 97%
XYZ	60.3141, 42.1875, 75.4598
YIQ	178.0470, 38.4580, 51.9460

Conversions

Conversions Part 2

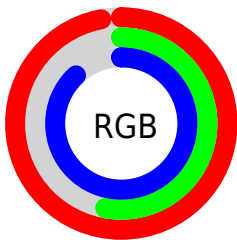
Format	Color
R_{YB}	247, 134, 224
Decimal	16221920
CIE _{Lab}	71.00, 54.67, -26.99
CIE _{LCh}	71, 60.965, 333.723
Yxy	42.1875, 0.3389, 0.2371
Android (android.graphics.Color)	4294412000 (0xFFFF786E0)
YUV	178.0470, 22.6548, 60.4718
Hunter-Lab	64.9519, 52.0886, -23.4156

Details

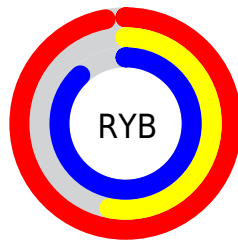
The CIELCh color $71, 60.965, 333.723$ is a light color, and the websafe version is hex FF99FF . A complement of this color would be $89, 60.937, 146.637$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $85, 40.756, 325.838$, and $51, 60.986, 333.722$ is the 20% darker color. If you saturate the color by 10%, you get $66, 72.514, 334.469$, and if you desaturate by 10%, it is $76, 48.252, 333.006$.

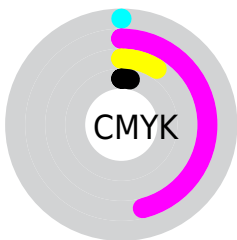
Distribution



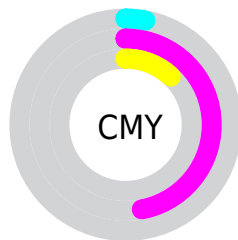
- Red (97%)
- Green (53%)
- Blue (88%)



- Red (97%)
- Yellow (53%)
- Blue (88%)



- Cyan (0%)
- Magenta (46%)
- Yellow (9%)
- Black (3%)





- Cyan (3%)
- Magenta (47%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 60.965, 333.723 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, 60.965, 333.723 by changing the saturation by 10% instead.


 71, 60.965,
333.723


 71, 60.965,
333.723


 100, 60.965,
333.723


 61, 60.965,
333.723


 91, 60.965,
333.723

 51, 60.965,
333.723

 41, 60.965,
333.723

 31, 60.965,
333.723

 21, 60.965,
333.723

 11, 60.965,
333.723

 1, 60.965, 333.723

■ 0, 60.965, 333.723

■ 71, 60.965,
333.723

■ 71, 60.965,
333.723

■ 66, 72.514,
334.469

■ 76, 48.252,
333.006

■ 63, 82.297,
335.255

■ 82, 34.901,
332.311

■ 60, 89.699,
336.100

■ 88, 21.303,
331.637

■ 57, 94.275,
337.037

■ 94, 7.732, 330.964

■ 56, 95.947,
338.108

■ 99, 4.130, 152.820

■ 99, 2.828, 190.396

■ 56, 96.075,
338.599

■ 99, 2.783, 199.467

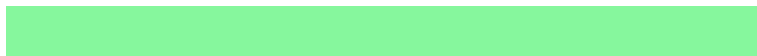
Harmonies

Complementary

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



71, 60.965, 333.723



89, 60.937, 146.637

Rectangle

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



71, 60.965, 333.723



71, 60.965, 23.723



71, 60.965, 153.723



71, 60.965, 203.723

Sweetspot

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



71, 60.962, 333.723



91, 19.415, 331.522



62, 63.634, 302.278



47, 13.417, 331.666



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, 60.962, 333.723



69, 73.564, 334.419



69, 46.671, 1.919



48, 7.604, 331.219



42, 77.910, 338.379



10, 35.344, 336.772

Inverse Universe

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



71, 60.962, 333.723



69, 73.564, 334.419



90, 40.632, 171.057



48, 7.604, 331.219



42, 77.910, 338.379



10, 35.344, 336.772

Previews

White Background



This preview shows how the CIELCh color 71, 60.965, 333.723 looks on a white background.

Color Contrast Check

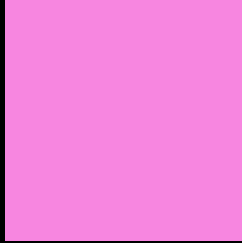
Large Text (above 18pt) WCAG AA × Fail

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, 60.965, 333.723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

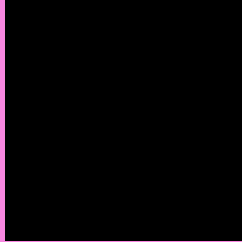
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 60.965, 333.723

Background



This preview shows how black text looks on a background with the CIELCh color 71, 60.965, 333.723.



This preview shows how white text looks on a background with the CIELCh color 71, 60.965, 333.723.

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, 60.965, 333.723

Protanopia

71, 44.948, 285.883

Deuteranopia

71, 25.670, 291.168



Tritanopia
71, 37.032, 14.079

Trichromacy



Original Color
71, 60.965, 333.723



Protanomaly
70, 46.914, 304.566



Deuteranomaly
71, 36.585, 314.668



Tritanomaly
71, 42.923, 354.122

Monochromacy



Original Color
71, 60.965, 333.723



Achromatopsia
73, 0.009, 296.813



Achromatomaly
71, 23.469, 331.615

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 60.965, 333.723 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, 134, 224)` looks like.

```
.text, #text, p{  
    color:rgb(247, 134, 224)  
}
```

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, 134, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 134, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 60.965, 333.723 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, 134, 224) }
```

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

```
.border{ border-color:rgb(247, 134, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 134, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 134, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 134, 224);  
box-shadow:4px 4px 4px 4px rgb(247, 134,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 60.965, 333.723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 134, 224) }
```

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

```
.background{ background-color: rgb(247,  
134, 224) }
```

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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