

Converting Colors

CIELCh(74, 74.375, 350.049)

Have a look what the booklet for
CIELCh(74, 74.375, 350.049)
contains.

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Color

CIELCh(69, 65.870, 340.733)

Conversions

Conversions Part 1

Format	Color
Hex	FF77D1
RGB	255, 119, 209
RGB Percent	100%, 47%, 82%
CMY	0.0000, 0.5326, 0.1798
CMYK	0.00, 0.53, 0.18, 0.00
HSL	320°, 100%, 73%
HSV	320°, 53%, 100%
XYZ	59.8499, 39.3444, 64.8666
YIQ	169.9240, 52.1660, 56.8220

Conversions

Conversions Part 2

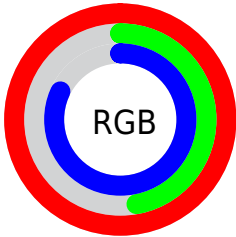
Format	Color
R_{YB}	255, 119, 209
Decimal	16742353
CIE _{Lab}	69.00, 62.18, -21.74
CIE _{LCh}	69, 65.870, 340.733
Yxy	39.3444, 0.3648, 0.2398
Android (android.graphics.Color)	4294932433 (0xFFFF77D1)
YUV	169.9240, 19.2645, 74.6117
Hunter-Lab	62.7251, 60.5489, -17.4066

Details

The CIELCh color **69, 65.870, 340.733** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **91, 64.896, 150.482**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **82, 49.432, 326.132**, and **49, 65.382, 340.495** is the 20% darker color. If you saturate the color by 10%, you get **64, 75.365, 341.577**, and if you desaturate by 10%, it is **74, 54.338, 339.362**.

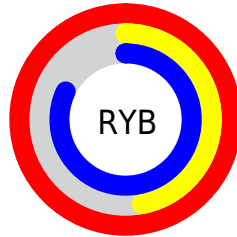
Distribution



Red (100%)

Green (47%)

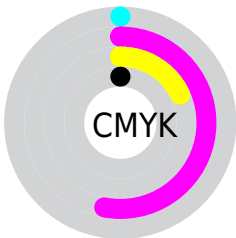
Blue (82%)



Red (100%)

Yellow (47%)

Blue (82%)

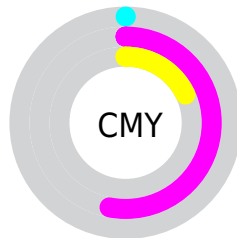


Cyan (0%)

Magenta (53%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (53%)


Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 65.870, 340.733 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 69, 65.870, 340.733 by changing the saturation by 10% instead.


 69, 65.870,
340.733


 69, 65.870,
340.733


 100, 65.870,
340.733


 59, 65.870,
340.733


 89, 65.870,
340.733

 49, 65.870,
340.733

 99, 65.870,
340.733

 39, 65.870,
340.733

 29, 65.870,
340.733

 19, 65.870,
340.733

 9, 65.870, 340.733

 0, 65.870, 340.733

69, 65.870,
340.733

69, 65.870,
340.733

64, 75.365,
341.577

74, 54.338,
339.362

61, 82.951,
342.958

79, 42.136,
338.429

58, 87.838,
344.621

85, 29.483,
337.575

57, 89.832,
346.666

91, 16.723,
336.778

56, 89.892,
348.268

98, 4.084, 335.969

100, 0.012,
296.813

Harmonies

Complementary

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



69, 65.870, 340.733



91, 64.896, 150.482

Rectangle

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



69, 65.870, 340.733



69, 65.870, 30.733



69, 65.870, 160.733



69, 65.870, 210.733

Sweetspot

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



69, 65.613, 340.398



90, 20.209, 336.992



60, 77.068, 306.901



47, 13.660, 337.154



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 65.613, 340.398



64, 76.004, 341.671



67, 55.254, 13.655



50, 7.147, 336.487



42, 72.645, 347.804



11, 34.257, 344.709

Inverse Universe

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



69, 65.613, 340.398



64, 76.004, 341.671



92, 42.545, 180.686



50, 7.147, 336.487



42, 72.645, 347.804



11, 34.257, 344.709

Previews

White Background



This preview shows how the CIELCh color 69, 65.870, 340.733 looks on a white background.

Color Contrast Check

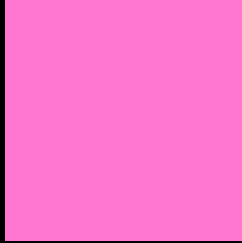
Large Text (above 18pt) WCAG AA × Fail

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 69, 65.870, 340.733 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 69, 65.870, 340.733

Background



This preview shows how black text looks on a background with the CIELCh color 69, 65.870, 340.733.



This preview shows how white text looks on a background with the CIELCh color 69, 65.870, 340.733.

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
69, 46.610, 18.613

Trichromacy



Original Color
69, 65.655, 340.444



Protanomaly
68, 46.800, 308.452



Deuteranomaly
68, 36.362, 323.413



Tritanomaly
69, 50.381, 1.654

Monochromacy



Original Color
69, 65.655, 340.444



Achromatopsia
70, 0.009, 296.813



Achromatomaly
68, 25.308, 338.066

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 65.870, 340.733 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(255, 119, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 119, 209)  
}
```

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(255, 119, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 119, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 65.870, 340.733 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(255, 119, 209) }
```

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

```
.border{ border-color:rgb(255, 119, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 119, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 119, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 119, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 119,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 65.870, 340.733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 119, 209) }
```

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

```
.background{ background-color: rgb(255,  
119, 209) }
```

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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