

Converting Colors

CIELCh(69, 71.680, 335.000)

Have a look what the booklet for
CIELCh(69, 71.680, 335.000)
contains.

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Color

CIELCh(69, 71.904, 334.929)

Conversions

Conversions Part 1

Format	Color
Hex	FF75E1
RGB	255, 117, 225
RGB Percent	100%, 46%, 88%
CMY	0.0006, 0.5417, 0.1182
CMYK	0.00, 0.54, 0.12, 0.00
HSL	313°, 100%, 73%
HSV	313°, 54%, 100%
XYZ	61.0938, 39.3444, 75.4988
YIQ	170.5740, 47.5800, 62.8440

Conversions

Conversions Part 2

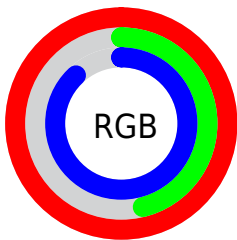
Format	Color
R_{YB}	255, 117, 225
Decimal	16741857
CIE _{Lab}	69.00, 65.13, -30.47
CIE _{LCh}	69, 71.904, 334.929
Yxy	39.3444, 0.3472, 0.2236
Android (android.graphics.Color)	4294931937 (0xFFFF75E1)
YUV	170.5740, 26.8320, 74.0416
Hunter-Lab	62.7251, 64.0888, -27.4566

Details

The CIELCh color **69, 71.904, 334.929** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **90, 72.267, 146.005**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **81, 50.659, 326.174**, and **49, 71.586, 334.948** is the 20% darker color. If you saturate the color by 10%, you get **65, 82.160, 335.746**, and if you desaturate by 10%, it is **74, 59.935, 334.160**.

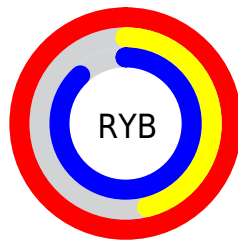
Distribution



Red (100%)

Green (46%)

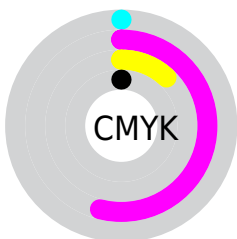
Blue (88%)



Red (100%)

Yellow (46%)

Blue (88%)

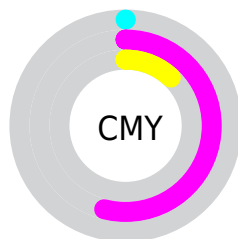


Cyan (0%)

Magenta (54%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (54%)


Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 71.904, 334.929 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, 71.904, 334.929 by changing the saturation by 10% instead.


 69, 71.904,
334.929


 69, 71.904,
334.929


 100, 71.904,
334.929


 59, 71.904,
334.929


 89, 71.904,
334.929

 49, 71.904,
334.929

 99, 71.904,
334.929

 39, 71.904,
334.929

 29, 71.904,
334.929

 19, 71.904,
334.929

 9, 71.904, 334.929

 0, 71.904, 334.929

69, 71.904,
334.929

69, 71.904,
334.929

65, 82.160,
335.746

74, 59.935,
334.160

62, 90.073,
336.632

79, 46.879,
333.424

59, 95.140,
337.623

85, 33.247,
332.717

58, 97.208,
338.764

91, 19.418,
332.033

57, 97.354,
339.505

97, 5.654, 331.338

100, 0.056,
211.375

Harmonies

Complementary

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



69, 71.904, 334.929



90, 72.267, 146.005

Rectangle

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



69, 71.904, 334.929



69, 71.904, 24.929



69, 71.904, 154.929



69, 71.904, 204.929

Sweetspot

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



69, 71.901, 334.929



90, 21.995, 332.158



58, 78.261, 303.775



47, 14.862, 332.298



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, 71.901, 334.929



65, 82.978, 335.819



67, 56.372, 4.971



50, 7.786, 331.719



43, 78.666, 339.265



11, 36.897, 337.654

Inverse Universe

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



69, 71.901, 334.929



65, 82.978, 335.819



92, 47.356, 171.109



50, 7.786, 331.719



43, 78.666, 339.265



11, 36.897, 337.654

Previews

White Background



This preview shows how the CIELCh color 69, 71.904, 334.929 looks on a white background.

Color Contrast Check

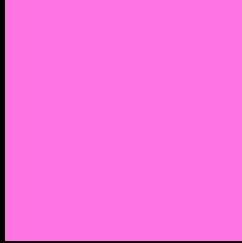
Large Text (above 18pt) WCAG AA × Fail

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, 71.904, 334.929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

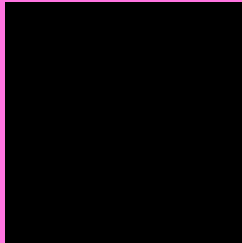
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 71.904, 334.929

Background



This preview shows how black text looks on a background with the CIELCh color 69, 71.904, 334.929.



This preview shows how white text looks on a background with the CIELCh color 69, 71.904, 334.929.

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
69, 71.904, 334.929

Protanopia
69, 49.088, 285.387

Deuteranopia
69, 28.028, 288.914



Tritanopia
69, 44.831, 17.455

Trichromacy



Original Color
69, 71.904, 334.929



Protanomaly
68, 54.020, 305.719



Deuteranomaly
68, 42.702, 315.191



Tritanomaly
69, 50.776, 356.449

Monochromacy



Original Color
69, 71.904, 334.929



Achromatopsia
70, 0.009, 296.813



Achromatomaly
68, 28.199, 332.843

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 71.904, 334.929 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, 117, 225)` looks like.

```
.text, #text, p{  
    color:rgb(255, 117, 225)  
}
```

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, 117, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 117, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 71.904, 334.929 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, 117, 225) }
```

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

```
.border{ border-color:rgb(255, 117, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 117, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 117, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 117, 225);  
box-shadow:4px 4px 4px 4px rgb(255, 117,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 71.904, 334.929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 117, 225) }
```

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

```
.background{ background-color: rgb(255,  
117, 225) }
```

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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