

Converting Colors

CIELCh(71, 65.987, 334.493)

Have a look what the booklet for
CIELCh(71, 65.987, 334.493)
contains.

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Color

CIELCh(71, 66.055, 334.488)

Conversions

Conversions Part 1

Format	Color
Hex	FE81E3
RGB	254, 129, 227
RGB Percent	100%, 51%, 89%
CMY	0.0050, 0.4951, 0.1108
CMYK	0.00, 0.49, 0.11, 0.00
HSL	313°, 98%, 75%
HSV	313°, 49%, 100%
XYZ	62.4224, 42.1875, 77.3426
YIQ	177.5470, 43.0420, 56.9780

Conversions

Conversions Part 2

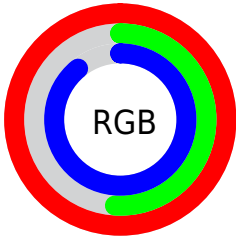
Format	Color
RYB	254, 129, 227
Decimal	16679395
CIELab	71.00, 59.61, -28.45
CIELCh	71, 66.055, 334.488
Yxy	42.1875, 0.3431, 0.2319
Android (android.graphics.Color)	4294869475 (0xFFFE81E3)
YUV	177.5470, 24.3803, 67.0493
Hunter-Lab	64.9519, 57.8826, -25.1343

Details

The CIELCh color **71, 66.055, 334.488** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **91, 66.115, 146.605**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **84, 43.869, 325.944**, and **51, 66.081, 334.638** is the 20% darker color. If you saturate the color by 10%, you get **67, 77.200, 335.276**, and if you desaturate by 10%, it is **76, 53.513, 333.739**.

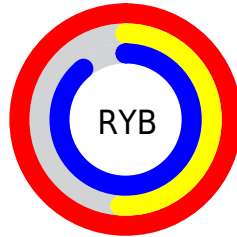
Distribution



Red (100%)

Green (51%)

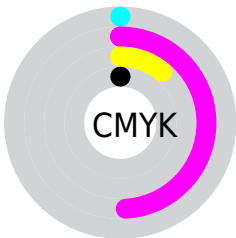
Blue (89%)



Red (100%)

Yellow (51%)

Blue (89%)

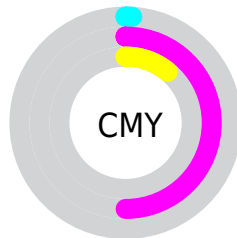


Cyan (0%)

Magenta (49%)

Yellow (11%)

Black (0%)



Cyan (1%)


Magenta (50%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 66.055, 334.488 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, 66.055, 334.488 by changing the saturation by 10% instead.

 71, 66.055,
334.488

 71, 66.055,
334.488


 100, 66.055,
334.488


 61, 66.055,
334.488


 91, 66.055,
334.488

 51, 66.055,
334.488

 41, 66.055,
334.488

 31, 66.055,
334.488

 21, 66.055,
334.488

 11, 66.055,
334.488

 1, 66.055, 334.488

0, 66.055, 334.488

71, 66.055,
334.488

71, 66.055,
334.488

67, 77.200,
335.276

76, 53.513,
333.739

63, 86.317,
336.120

82, 40.154,
333.020

60, 92.811,
337.048

88, 26.421,
332.327

58, 96.335,
338.100

94, 12.633,
331.650

57, 97.124,
339.314

100, 0.616,
155.842

57, 97.140,
339.409

100, 0.441,
200.882

Harmonies

Complementary

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



71, 66.055, 334.488



91, 66.115, 146.605

Rectangle

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



71, 66.055, 334.488



71, 66.055, 24.488



71, 66.055, 154.488



71, 66.055, 204.488

Sweetspot

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



71, 66.052, 334.488



91, 20.631, 332.038



61, 70.431, 302.716



47, 14.089, 332.181



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, 66.052, 334.488



67, 77.247, 335.257



69, 51.355, 2.636



50, 7.794, 331.667



43, 78.749, 339.174



11, 36.932, 337.579

Inverse Universe

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



71, 66.052, 334.488



67, 77.247, 335.257



92, 44.246, 170.580



50, 7.794, 331.667



43, 78.749, 339.174



11, 36.932, 337.579

Previews

White Background



This preview shows how the CIELCh color 71, 66.055, 334.488 looks on a white background.

Color Contrast Check

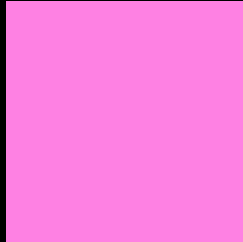
Large Text (above 18pt) WCAG AA × Fail

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, 66.055, 334.488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

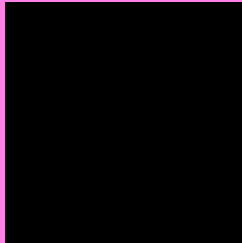
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 66.055, 334.488

Background



This preview shows how black text looks on a background with the CIELCh color 71, 66.055, 334.488.



This preview shows how white text looks on a background with the CIELCh color 71, 66.055, 334.488.

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, 40.778, 16.140

Trichromacy



Original Color
71, 66.055, 334.488



Protanomaly
70, 49.788, 305.233



Deuteranomaly
70, 39.096, 315.463



Tritanomaly
71, 46.611, 355.847

Monochromacy



Original Color
71, 66.055, 334.488



Achromatopsia
72, 0.009, 296.813



Achromatomaly
71, 25.889, 332.581

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 66.055, 334.488 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(254, 129, 227)` looks like.

```
.text, #text, p{  
    color:rgb(254, 129, 227)  
}
```

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(254, 129, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 129, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 66.055, 334.488 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(254, 129, 227) }
```

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

```
.border{ border-color:rgb(254, 129, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 129, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 129, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 129, 227);  
box-shadow:4px 4px 4px 4px rgb(254, 129,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 66.055, 334.488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 129, 227) }
```

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

```
.background{ background-color: rgb(254,  
129, 227) }
```

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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