

Converting Colors

CIELCh(71, 57.591, 342.974)

Have a look what the booklet for
CIELCh(71, 57.591, 342.974)
contains.

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Color

CIELCh(71, 57.857, 342.991)

Conversions

Conversions Part 1

Format	Color
Hex	FF84CE
RGB	255, 132, 206
RGB Percent	100%, 52%, 81%
CMY	0.0002, 0.4826, 0.1924
CMYK	0.00, 0.48, 0.19, 0.00
HSL	324°, 100%, 76%
HSV	324°, 48%, 100%
XYZ	60.5929, 42.1875, 63.3038
YIQ	177.2130, 49.5540, 49.0900

Conversions

Conversions Part 2

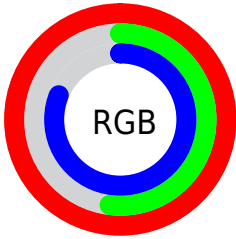
Format	Color
R_{YB}	255, 132, 206
Decimal	16745678
CIE _{Lab}	71.00, 55.33, -16.92
CIE _{LCh}	71, 57.857, 342.991
Yxy	42.1875, 0.3648, 0.2540
Android (android.graphics.Color)	4294935758 (0xFFFF84CE)
YUV	177.2130, 14.1920, 68.2192
Hunter-Lab	64.9519, 52.8549, -12.3192

Details

The CIELCh color **71, 57.857, 342.991** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **92, 56.390, 153.721**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **84, 42.003, 325.881**, and **51, 58.062, 342.886** is the 20% darker color. If you saturate the color by 10%, you get **66, 68.152, 344.282**, and if you desaturate by 10%, it is **76, 46.419, 341.873**.

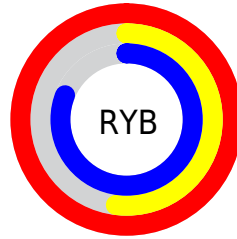
Distribution



Red (100%)

Green (52%)

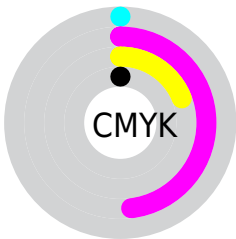
Blue (81%)



Red (100%)

Yellow (52%)

Blue (81%)

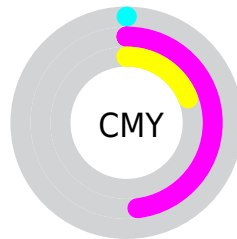


Cyan (0%)

Magenta (48%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (48%)


Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 57.857, 342.991 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, 57.857, 342.991 by changing the saturation by 10% instead.


 71, 57.857,
342.991


 71, 57.857,
342.991


 100, 57.857,
342.991


 61, 57.857,
342.991


 91, 57.857,
342.991

 51, 57.857,
342.991

 41, 57.857,
342.991

 31, 57.857,
342.991

 21, 57.857,
342.991

 11, 57.857,
342.991

 1, 57.857, 342.991

■ 0, 57.857, 342.991

■ 71, 57.857,
342.991

■ 71, 57.857,
342.991

■ 66, 68.152,
344.282

■ 76, 46.419,
341.873

■ 62, 76.690,
345.813

■ 82, 34.376,
340.879

■ 59, 82.864,
347.678

■ 88, 22.117,
339.978

■ 57, 86.289,
350.002

■ 95, 9.910, 339.137

■ 56, 87.106,
352.893

100, 0.024,
228.747

■ 56, 87.138,
353.438

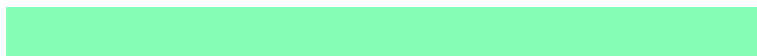
Harmonies

Complementary

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



71, 57.857, 342.991



92, 56.390, 153.721

Rectangle

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



71, 57.857, 342.991



71, 57.857, 32.991



71, 57.857, 162.991



71, 57.857, 212.991

Sweetspot

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



71, 57.854, 342.992



91, 16.923, 339.617



64, 69.619, 307.973



47, 11.703, 339.800



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, 57.854, 342.992



66, 67.933, 344.248



69, 49.977, 16.272



50, 6.845, 339.243



42, 70.410, 352.838



11, 33.176, 348.841

Inverse Universe

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



71, 57.854, 342.992



66, 67.933, 344.248



93, 38.091, 185.734



50, 6.845, 339.243



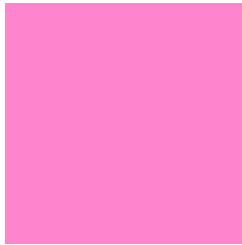
42, 70.410, 352.838



11, 33.176, 348.841

Previews

White Background



This preview shows how the CIELCh color 71, 57.857, 342.991 looks on a white background.

Color Contrast Check

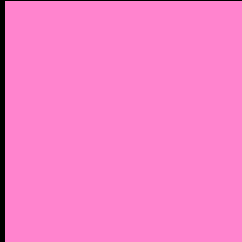
Large Text (above 18pt) WCAG AA × Fail

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, 57.857, 342.991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

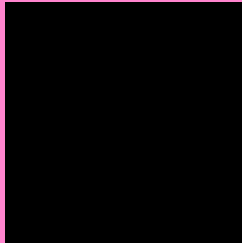
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 57.857, 342.991

Background



This preview shows how black text looks on a background with the CIELCh color 71, 57.857, 342.991.



This preview shows how white text looks on a background with the CIELCh color 71, 57.857, 342.991.

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, 57.857, 342.991

Protanopia
71, 33.998, 285.499

Deuteranopia
71, 16.764, 302.720



Tritanopia
71, 43.275, 16.895

Trichromacy



Original Color
71, 57.857, 342.991



Protanomaly
70, 38.816, 311.759



Deuteranomaly
70, 31.125, 328.635



Tritanomaly
71, 46.394, 2.336

Monochromacy



Original Color
71, 57.857, 342.991



Achromatopsia
72, 0.009, 296.813



Achromatomaly
71, 22.018, 339.658

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 57.857, 342.991 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, 132, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 132, 206)  
}
```

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, 132, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 132, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 57.857, 342.991 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, 132, 206) }
```

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

```
.border{ border-color:rgb(255, 132, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 132, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 132, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 132, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 132,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 57.857, 342.991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 132, 206) }
```

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

```
.background{ background-color: rgb(255,  
132, 206) }
```

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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