

Converting Colors

CIELCh(71, 57.643, 343.653)

Have a look what the booklet for
CIELCh(71, 57.643, 343.653)
contains.

CIELCh(71, 57.573, 343.430)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(71, 57.573, 343.430)

Conversions

Conversions Part 1

Format	Color
Hex	FF84CD
RGB	255, 132, 205
RGB Percent	100%, 52%, 80%
CMY	0.0000, 0.4822, 0.1959
CMYK	0.00, 0.48, 0.20, 0.00
HSL	324°, 100%, 76%
HSV	324°, 48%, 100%
XYZ	60.5321, 42.1875, 62.7306
YIQ	177.0990, 49.8750, 48.7790

Conversions

Conversions Part 2

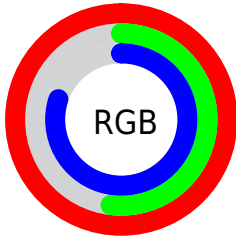
Format	Color
RYB	255, 132, 205
Decimal	16745677
CIELab	71.00, 55.18, -16.42
CIELCh	71, 57.573, 343.430
Yxy	42.1875, 0.3659, 0.2550
Android (android.graphics.Color)	4294935757 (0xFFFF84CD)
YUV	177.0990, 13.7552, 68.3192
Hunter-Lab	64.9519, 52.6876, -11.7960

Details

The CIELCh color **71, 57.573, 343.430** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **92, 56.005, 154.077**, 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, 57.773, 343.353** is the 20% darker color. If you saturate the color by 10%, you get **66, 67.831, 344.737**, and if you desaturate by 10%, it is **76, 46.167, 342.283**.

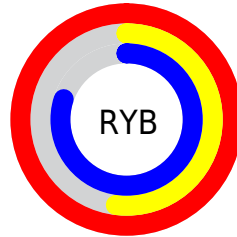
Distribution



Red (100%)

Green (52%)

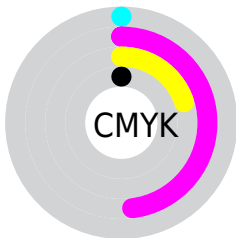
Blue (80%)



Red (100%)

Yellow (52%)

Blue (80%)

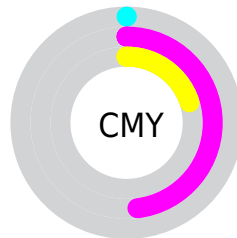


Cyan (0%)

Magenta (48%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (48%)


Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 57.573, 343.430 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, 57.573, 343.430 by changing the saturation by 10% instead.


 71, 57.573,
343.430


 71, 57.573,
343.430


 100, 57.573,
343.430


 61, 57.573,
343.430


 91, 57.573,
343.430

 51, 57.573,
343.430

 41, 57.573,
343.430

 31, 57.573,
343.430

 21, 57.573,
343.430

 11, 57.573,
343.430

 1, 57.573, 343.430

■ 0, 57.573, 343.430

■ 71, 57.573,
343.430

■ 71, 57.573,
343.430

■ 66, 67.831,
344.737

■ 76, 46.167,
342.283

■ 62, 76.354,
346.302

■ 82, 34.174,
341.275

■ 59, 82.528,
348.216

■ 88, 21.972,
340.364

■ 57, 85.968,
350.605

■ 95, 9.828, 339.514

■ 56, 86.818,
353.582

100, 0.012,
296.813

■ 56, 86.858,
354.150

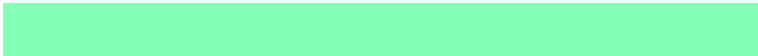
Harmonies

Complementary

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



71, 57.573, 343.430



92, 56.005, 154.077

Rectangle

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



71, 57.573, 343.430



71, 57.573, 33.430



71, 57.573, 163.430



71, 57.573, 213.430

Sweetspot

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



71, 57.561, 343.420



91, 16.829, 340.001



65, 69.665, 308.476



47, 11.639, 340.185



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, 57.561, 343.420



66, 67.622, 344.705



69, 50.078, 17.525



50, 6.807, 339.623



42, 70.165, 353.532



11, 33.050, 349.410

Inverse Universe

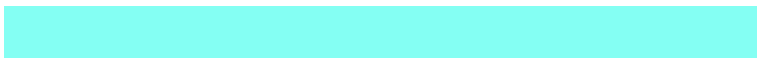
The Inverse Universe completely reimagines the original color for something new.



71, 57.561, 343.420



66, 67.622, 344.705



93, 37.709, 187.294



50, 6.807, 339.623



42, 70.165, 353.532



11, 33.050, 349.410

Previews

White Background



This preview shows how the CIELCh color 71, 57.573, 343.430 looks on a white background.

Color Contrast Check

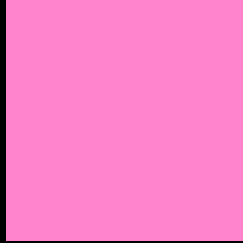
Large Text (above 18pt) WCAG AA × Fail

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, 57.573, 343.430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

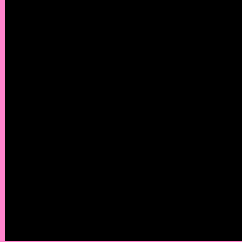
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 57.573, 343.430

Background



This preview shows how black text looks on a background with the CIELCh color 71, 57.573, 343.430.

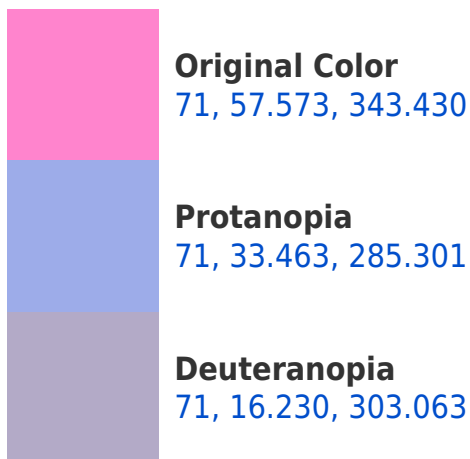


This preview shows how white text looks on a background with the CIELCh color 71, 57.573, 343.430.

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, 43.275, 16.895

Trichromacy



Original Color
71, 57.573, 343.430



Protanomaly
70, 38.309, 312.011



Deuteranomaly
70, 30.708, 329.258



Tritanomaly
71, 46.394, 2.336

Monochromacy



Original Color
71, 57.573, 343.430



Achromatopsia
72, 0.009, 296.813



Achromatomaly
71, 21.682, 340.760

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 57.573, 343.430 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, 205)` looks like.

```
.text, #text, p{  
    color:rgb(255, 132, 205)  
}
```

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, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 132, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 57.573, 343.430 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, 205) }
```

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

```
.border{ border-color:rgb(255, 132, 205) }
```

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, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 132, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 132, 205);  
box-shadow:4px 4px 4px 4px rgb(255, 132,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 57.573, 343.430 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, 205) }
```

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

```
.background{ background-color: rgb(255,  
132, 205) }
```

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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