

Converting Colors

CIELCh(71, 59.514, 339.481)

Have a look what the booklet for
CIELCh(71, 59.514, 339.481)
contains.

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Color

CIELCh(71, 59.514, 339.481)

Conversions

Conversions Part 1

Format	Color
Hex	FD84D5
RGB	253, 132, 213
RGB Percent	99%, 52%, 84%
CMY	0.0079, 0.4823, 0.1647
CMYK	0.00, 0.48, 0.16, 0.01
HSL	320°, 97%, 75%
HSV	320°, 48%, 99%
XYZ	60.7671, 42.1875, 67.8886
YIQ	177.4130, 46.1150, 50.8430

Conversions

Conversions Part 2

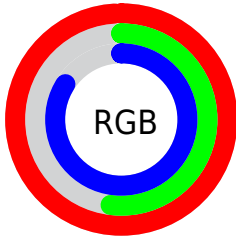
Format	Color
RYB	253, 132, 213
Decimal	16614613
CIELab	71.00, 55.74, -20.86
CIELCh	71, 59.514, 339.481
Yxy	42.1875, 0.3557, 0.2469
Android (android.graphics.Color)	4294804693 (0xFFFD84D5)
YUV	177.4130, 17.5444, 66.2898
Hunter-Lab	64.9519, 53.3336, -16.5044

Details

The CIELCh color **71, 59.514, 339.481** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **91, 58.737, 150.958**, 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, 59.512, 339.566** is the 20% darker color. If you saturate the color by 10%, you get **66, 70.144, 340.556**, and if you desaturate by 10%, it is **76, 47.692, 338.521**.

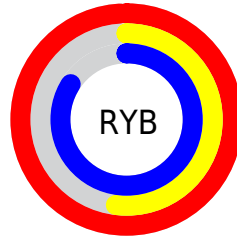
Distribution



Red (99%)

Green (52%)

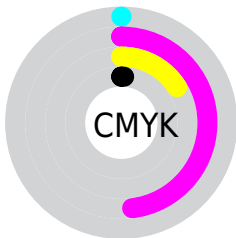
Blue (84%)



Red (99%)

Yellow (52%)

Blue (84%)

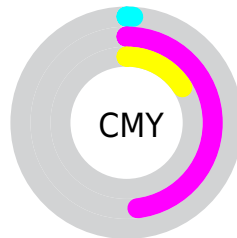


Cyan (0%)

Magenta (48%)

Yellow (16%)

Black (1%)



Cyan (1%)


Magenta (48%)


Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 59.514, 339.481 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, 59.514, 339.481 by changing the saturation by 10% instead.


 71, 59.514,
339.481


 71, 59.514,
339.481


 100, 59.514,
339.481


 61, 59.514,
339.481


 91, 59.514,
339.481

 51, 59.514,
339.481

 41, 59.514,
339.481

 31, 59.514,
339.481

 21, 59.514,
339.481

 11, 59.514,
339.481

 1, 59.514, 339.481

■ 0, 59.514, 339.481

■ 71, 59.514,
339.481

■ 71, 59.514,
339.481

■ 66, 70.144,
340.556

■ 76, 47.692,
338.521

■ 62, 78.964,
341.790

■ 82, 35.222,
337.645

■ 59, 85.358,
343.250

■ 88, 22.501,
336.833

■ 57, 88.920,
345.022

■ 94, 9.806, 336.061

■ 56, 89.720,
347.195

100, 0.702,
192.697

■ 56, 89.720,
347.703

100, 0.696,
200.313

Harmonies

Complementary

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



71, 59.514, 339.481



91, 58.737, 150.958

Rectangle

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



71, 59.514, 339.481



71, 59.514, 29.481



71, 59.514, 159.481



71, 59.514, 209.481

Sweetspot

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



71, 59.511, 339.482



91, 17.745, 336.536



63, 68.326, 305.938



47, 12.268, 336.703



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, 59.511, 339.482



67, 69.767, 340.465



69, 49.023, 11.107



50, 7.182, 336.191



42, 72.936, 347.264



11, 34.391, 344.266

Inverse Universe

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



71, 59.511, 339.482



67, 69.767, 340.465



92, 39.305, 179.866



50, 7.182, 336.191



42, 72.936, 347.264



11, 34.391, 344.266

Previews

White Background



This preview shows how the CIELCh color 71, 59.514, 339.481 looks on a white background.

Color Contrast Check

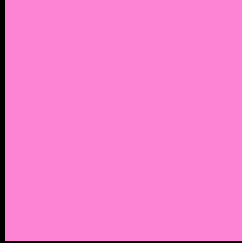
Large Text (above 18pt) WCAG AA × Fail

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, 59.514, 339.481 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, 59.514, 339.481

Background



This preview shows how black text looks on a background with the CIELCh color 71, 59.514, 339.481.

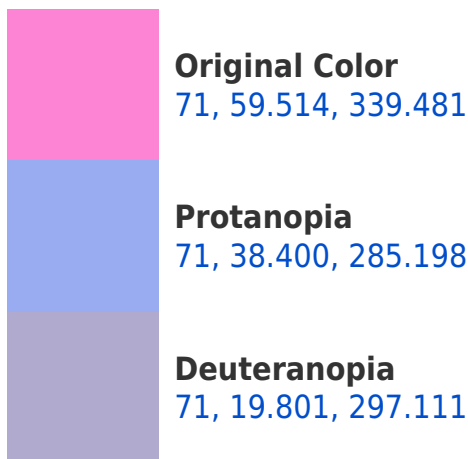


This preview shows how white text looks on a background with the CIELCh color 71, 59.514, 339.481.

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, 41.590, 15.670

Trichromacy



Original Color
71, 59.514, 339.481



Protanomaly
70, 42.078, 308.417



Deuteranomaly
70, 33.462, 322.546



Tritanomaly
71, 45.336, 359.372

Monochromacy



Original Color
71, 59.514, 339.481



Achromatopsia
72, 0.009, 296.813



Achromatomaly
71, 22.715, 337.559

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 59.514, 339.481 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(253, 132, 213)` looks like.

```
.text, #text, p{  
    color:rgb(253, 132, 213)  
}
```

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(253, 132, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 132, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 59.514, 339.481 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(253, 132, 213) }
```

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

```
.border{ border-color:rgb(253, 132, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 132, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 132, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 132, 213);  
box-shadow:4px 4px 4px 4px rgb(253, 132,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 59.514, 339.481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 132, 213) }
```

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

```
.background{ background-color: rgb(253,  
132, 213) }
```

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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