

Converting Colors

CIELCh(57, 93.135, 342.964)

Have a look what the booklet for
CIELCh(57, 93.135, 342.964)
contains.

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Color

CIELCh(57, 92.985, 343.019)

Conversions

Conversions Part 1

Format	Color
Hex	FE0BBA
RGB	254, 11, 186
RGB Percent	100%, 4%, 73%
CMY	0.0028, 0.9558, 0.2696
CMYK	0.00, 0.96, 0.27, 0.00
HSL	317°, 99%, 52%
HSV	317°, 96%, 100%
XYZ	49.9847, 24.9227, 48.7645
YIQ	103.6070, 88.6530, 105.9410

Conversions

Conversions Part 2

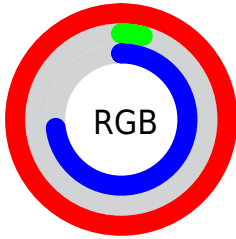
Format	Color
RYB	254, 11, 186
Decimal	16649146
CIELab	57.00, 88.93, -27.16
CIELCh	57, 92.985, 343.019
Yxy	24.9227, 0.4042, 0.2015
Android (android.graphics.Color)	4294839226 (0xFFFE0BBA)
YUV	103.6070, 40.6197, 131.8947
Hunter-Lab	49.9226, 91.3575, -22.9688

Details

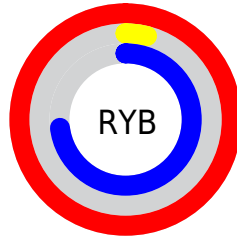
The CIELCh color **57, 92.985, 343.019** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle saturated rose. A complement of this color would be **88, 105.727, 140.968**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 84.503, 330.225**, and **43, 74.187, 345.487** is the 20% darker color. If you saturate the color by 10%, you get **57, 92.979, 343.827**, and if you desaturate by 10%, it is **58, 91.545, 341.378**.

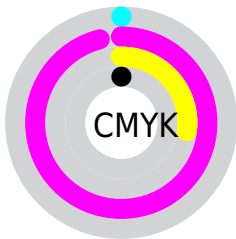
Distribution



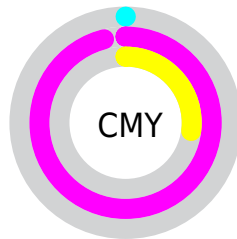
- Red (100%)
- Green (4%)
- Blue (73%)



- Red (100%)
- Yellow (4%)
- Blue (73%)



- Cyan (0%)
- Magenta (96%)
- Yellow (27%)
- Black (0%)





- Cyan (0%)
- Magenta (96%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 92.985, 343.019 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 57, 92.985, 343.019 by changing the saturation by 10% instead.


 57, 92.985,
343.019


 57, 92.985,
343.019


 100, 92.985,
343.019


 47, 92.985,
343.019


 77, 92.985,
343.019

 37, 92.985,
343.019

 87, 92.985,
343.019

 27, 92.985,
343.019

 97, 92.985,
343.019

 17, 92.985,
343.019

 7, 92.985, 343.019

 0, 92.985, 343.019

■ 57, 92.985,
343.019

■ 57, 92.985,
343.019

■ 57, 92.979,
343.827

■ 58, 91.545,
341.378

■ 61, 87.177,
340.014

■ 64, 79.968,
338.853

■ 68, 70.392,
337.835

■ 73, 59.082,
336.919

■ 78, 46.661,
336.074

■ 84, 33.646,
335.286

■ 90, 20.422,

334.540

 96, 7.252, 333.808

Harmonies

Complementary

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



57, 92.985, 343.019



88, 105.727, 140.968

Rectangle

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



57, 92.985, 343.019



57, 92.985, 33.019



57, 92.985, 163.019



57, 92.985, 213.019

Sweetspot

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



57, 92.981, 343.019



82, 38.243, 335.551



36, 128.359, 307.844



41, 26.203, 335.889



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57, 92.981, 343.019



57, 93.177, 343.830



54, 89.165, 25.614



50, 7.446, 334.100



43, 75.291, 343.481



11, 35.446, 341.152

Inverse Universe

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



57, 92.981, 343.019



57, 93.177, 343.830



89, 64.008, 168.070



50, 7.446, 334.100



43, 75.291, 343.481



11, 35.446, 341.152

Previews

White Background



This preview shows how the CIELCh color 57, 92.985, 343.019 looks on a white background.

Color Contrast Check

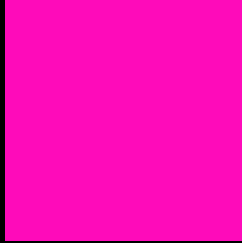
Large Text (above 18pt) WCAG AA ✓ Pass

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 57, 92.985, 343.019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

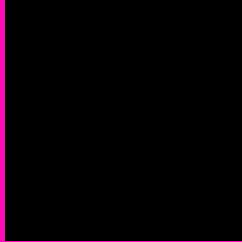
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 92.985, 343.019

Background



This preview shows how black text looks on a background with the CIELCh color 57, 92.985, 343.019.



This preview shows how white text looks on a background with the CIELCh color 57, 92.985, 343.019.

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

57, 92.914, 343.027

Protanopia

58, 68.904, 287.114

Deuteranopia

57, 22.248, 290.061



Tritanopia
57, 74.837, 29.516

Trichromacy



Original Color
57, 92.914, 343.027



Protanomaly
50, 81.921, 308.296



Deuteranomaly
52, 57.316, 326.307



Tritanomaly
56, 76.319, 8.978

Monochromacy



Original Color
57, 92.914, 343.027



Achromatopsia
44, 0.006, 296.813



Achromatomaly
43, 48.559, 337.755

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 92.985, 343.019 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, 11, 186)` looks like.

```
.text, #text, p{  
    color:rgb(254, 11, 186)  
}
```

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, 11, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 11, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 92.985, 343.019 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, 11, 186) }
```

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

```
.border{ border-color:rgb(254, 11, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 11, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 11, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 11, 186);  
box-shadow:4px 4px 4px 4px rgb(254, 11,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 92.985, 343.019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 11, 186) }
```

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

```
.background{ background-color: rgb(254, 11,  
186) }
```

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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