

Converting Colors

CIELCh(57, 95.195, 340.891)

Have a look what the booklet for
CIELCh(57, 95.195, 340.891)
contains.

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Color

CIELCh(57, 95.086, 340.841)

Conversions

Conversions Part 1

Format	Color
Hex	FD06C1
RGB	253, 6, 193
RGB Percent	99%, 2%, 76%
CMY	0.0069, 0.9757, 0.2423
CMYK	0.00, 0.98, 0.24, 0.01
HSL	315°, 99%, 51%
HSV	315°, 98%, 99%
XYZ	50.3155, 24.9227, 52.7396
YIQ	101.1710, 87.1850, 110.5210

Conversions

Conversions Part 2

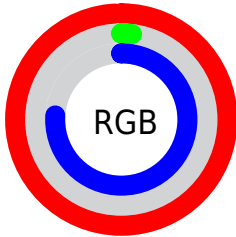
Format	Color
R _Y B	253, 6, 193
Decimal	16582337
CIE Lab	57.00, 89.82, -31.21
CIE LCh	57, 95.086, 340.841
Yxy	24.9227, 0.3932, 0.1947
Android (android.graphics.Color)	4294772417 (0xFFFD06C1)
YUV	101.1710, 45.2717, 133.1540
Hunter-Lab	49.9226, 92.5402, -27.6897

Details

The CIELCh color **57, 95.086, 340.841** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **87, 109.075, 139.595**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 88.019, 328.471**, and **43, 75.609, 342.932** is the 20% darker color. If you saturate the color by 10%, you get **57, 95.108, 341.205**, and if you desaturate by 10%, it is **58, 94.048, 339.447**.

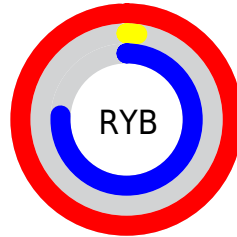
Distribution



Red (99%)

Green (2%)

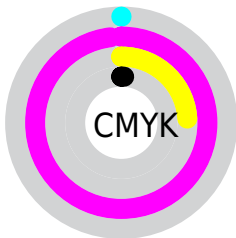
Blue (76%)



Red (99%)

Yellow (2%)

Blue (76%)

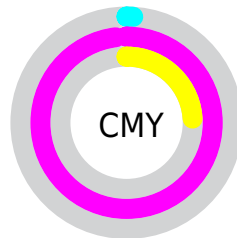


Cyan (0%)

Magenta (98%)

Yellow (24%)

Black (1%)



Cyan (1%)


Magenta (98%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 95.086, 340.841 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, 95.086, 340.841 by changing the saturation by 10% instead.


 57, 95.086,
340.841


 57, 95.086,
340.841


 100, 95.086,
340.841


 47, 95.086,
340.841


 77, 95.086,
340.841

 37, 95.086,
340.841

 87, 95.086,
340.841

 27, 95.086,
340.841

 97, 95.086,
340.841

 17, 95.086,
340.841

 7, 95.086, 340.841

 0, 95.086, 340.841

■ 57, 95.086,
340.841

■ 57, 95.086,
340.841

■ 57, 95.108,
341.205

■ 58, 94.048,
339.447

■ 60, 90.139,
338.265

■ 63, 83.315,
337.239

■ 67, 73.983,
336.322

■ 72, 62.759,
335.480

■ 77, 50.275,
334.691

■ 82, 37.078,
333.942

■ 88, 23.585,

333.227

95, 10.088,
332.530

Harmonies

Complementary

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



57, 95.086, 340.841



87, 109.075, 139.595

Rectangle

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



57, 95.086, 340.841



57, 95.086, 30.841



57, 95.086, 160.841



57, 95.086, 210.841

Sweetspot

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



57, 95.082, 340.841



82, 39.230, 334.049



35, 129.580, 307.433



41, 26.873, 334.366



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, 95.082, 340.841



57, 95.600, 341.211



54, 88.239, 23.921



50, 7.645, 332.667



43, 77.230, 340.928



11, 36.286, 339.039

Inverse Universe

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



57, 95.082, 340.841



57, 95.600, 341.211



89, 67.102, 164.683



50, 7.645, 332.667



43, 77.230, 340.928



11, 36.286, 339.039

Previews

White Background



This preview shows how the CIELCh color 57, 95.086, 340.841 looks on a white background.

Color Contrast Check

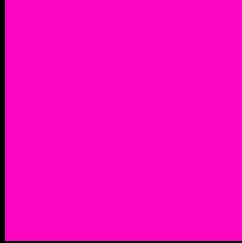
Large Text (above 18pt) WCAG AA ✓ Pass

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, 95.086, 340.841 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, 95.086, 340.841

Background



This preview shows how black text looks on a background with the CIELCh color 57, 95.086, 340.841.



This preview shows how white text looks on a background with the CIELCh color 57, 95.086, 340.841.

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, 95.016, 340.848

Protanopia
58, 68.926, 286.993

Deuteranopia
57, 26.270, 288.062



Tritanopia
57, 72.902, 28.720

Trichromacy



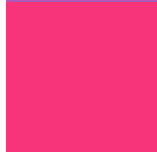
Original Color
57, 95.016, 340.848



Protanomaly
50, 84.058, 308.102



Deuteranomaly
51, 61.389, 323.664



Tritanomaly
56, 75.715, 6.892

Monochromacy



Original Color
57, 95.016, 340.848



Achromatopsia
43, 0.006, 296.813



Achromatomaly
43, 50.046, 335.814

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 95.086, 340.841 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, 6, 193)` looks like.

```
.text, #text, p{  
    color:rgb(253, 6, 193)  
}
```

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, 6, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 6, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 95.086, 340.841 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, 6, 193) }
```

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

```
.border{ border-color:rgb(253, 6, 193) }
```

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

Here you see how a box with a 4 pixel rgb(253, 6, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 6, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 6, 193);  
box-shadow:4px 4px 4px 4px rgb(253, 6,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 95.086, 340.841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 6, 193) }
```

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

```
.background{ background-color: rgb(253, 6,  
193) }
```

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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