

Converting Colors

CIELCh(57, 96.022, 340.794)

Have a look what the booklet for
CIELCh(57, 96.022, 340.794)
contains.

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Color

CIELCh(57, 95.783, 340.749)

Conversions

Conversions Part 1

Format	Color
Hex	FE00C2
RGB	254, 0, 194
RGB Percent	100%, 0%, 76%
CMY	0.0044, 1.0000, 0.2397
CMYK	0.00, 1.00, 0.24, 0.00
HSL	314°, 100%, 50%
HSV	314°, 100%, 100%
XYZ	50.5427, 24.9227, 53.1172
YIQ	98.0620, 89.1100, 114.1820

Conversions

Conversions Part 2

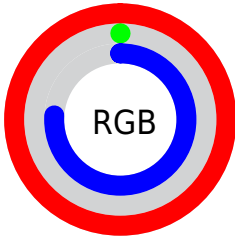
Format	Color
RYB	254, 0, 194
Decimal	16646338
CIELab	57.00, 90.43, -31.58
CIElCh	57, 95.783, 340.749
Yxy	24.9227, 0.3931, 0.1938
Android (android.graphics.Color)	4294836418 (0xFFFE00C2)
YUV	98.0620, 47.2974, 136.7576
Hunter-Lab	49.9226, 93.3525, -28.1382

Details

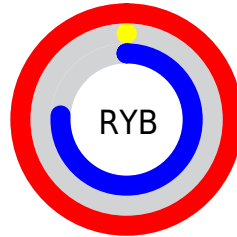
The CIELCh color **57, 95.783, 340.749** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **88, 111.024, 139.037**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 88.869, 328.274**, and **43, 75.972, 342.839** is the 20% darker color. If you saturate the color by 10%, you get **57, 95.741, 340.753**, and if you desaturate by 10%, it is **58, 95.162, 339.369**.

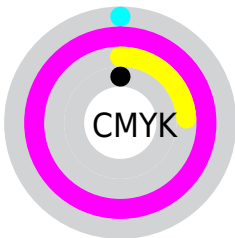
Distribution



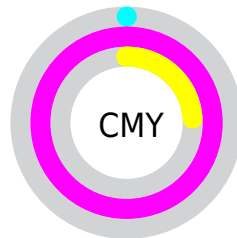
- Red (100%)
- Green (0%)
- Blue (76%)



- Red (100%)
- Yellow (0%)
- Blue (76%)



- Cyan (0%)
- Magenta (100%)
- Yellow (24%)
- Black (0%)





- Cyan (0%)
- Magenta (100%)
- Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 95.783, 340.749 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, 95.783, 340.749 by changing the saturation by 10% instead.


 57, 95.783,
340.749


 57, 95.783,
340.749


 100, 95.783,
340.749


 47, 95.783,
340.749


 77, 95.783,
340.749

 37, 95.783,
340.749

 87, 95.783,
340.749

 27, 95.783,
340.749

 97, 95.783,
340.749

 17, 95.783,
340.749

 7, 95.783, 340.749

 0, 95.783, 340.749

■ 57, 95.783,
340.749

■ 57, 95.783,
340.749

■ 57, 95.741,
340.753

■ 58, 95.162,
339.369

■ 60, 91.954,
338.181

■ 62, 85.775,
337.154

■ 66, 76.952,
336.237

■ 71, 66.065,
335.395

■ 76, 53.760,
334.607

■ 81, 40.612,
333.859

■ 87, 27.073,

333.143

93, 13.467,
332.450

Harmonies

Complementary

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



57, 95.783, 340.749



88, 111.024, 139.037

Rectangle

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



57, 95.783, 340.749



57, 95.783, 30.749



57, 95.783, 160.749



57, 95.783, 210.749

Sweetspot

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



57, 95.741, 340.753



82, 40.759, 333.859



34, 131.048, 307.420



41, 27.752, 334.170



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, 95.741, 340.753



57, 96.061, 340.756



53, 89.647, 25.279



50, 7.682, 332.416



43, 77.598, 340.486



11, 36.443, 338.671

Inverse Universe

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



57, 95.741, 340.753



57, 96.061, 340.756



89, 67.935, 164.167



50, 7.682, 332.416



43, 77.598, 340.486



11, 36.443, 338.671

Previews

White Background



This preview shows how the CIELCh color 57, 95.783, 340.749 looks on a white background.

Color Contrast Check

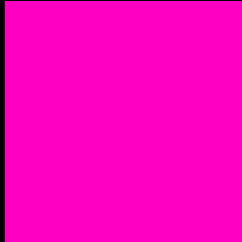
Large Text (above 18pt) WCAG AA ✓ Pass

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, 95.783, 340.749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

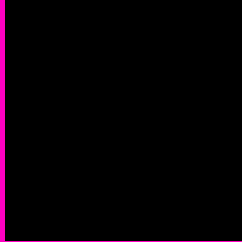
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 95.783, 340.749

Background



This preview shows how black text looks on a background with the CIELCh color 57, 95.783, 340.749.



This preview shows how white text looks on a background with the CIELCh color 57, 95.783, 340.749.

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, 95.783, 340.749

Protanopia

58, 68.904, 287.114

Deuteranopia

58, 25.697, 287.117



Tritanopia
57, 73.293, 28.777

Trichromacy



Original Color
57, 95.783, 340.749



Protanomaly
49, 85.762, 308.718



Deuteranomaly
51, 62.421, 323.451



Tritanomaly
56, 76.685, 6.746

Monochromacy



Original Color
57, 95.783, 340.749



Achromatopsia
42, 0.006, 296.813



Achromatomaly
41, 51.864, 336.081

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 95.783, 340.749 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, 0, 194)` looks like.

```
.text, #text, p{  
    color:rgb(254, 0, 194)  
}
```

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, 0, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 0, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 95.783, 340.749 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, 0, 194) }
```

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

```
.border{ border-color:rgb(254, 0, 194) }
```

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

Here you see how a box with a 4 pixel rgb(254, 0, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 0, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 0, 194);  
box-shadow:4px 4px 4px 4px rgb(254, 0,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 95.783, 340.749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 0, 194) }
```

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

```
.background{ background-color: rgb(254, 0,  
194) }
```

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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