

Converting Colors

CIELCh(57, 98.268, 338.371)

Have a look what the booklet for
CIELCh(57, 98.268, 338.371)
contains.

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Color

CIELCh(57, 97.917, 338.292)

Conversions

Conversions Part 1

Format	Color
Hex	FC00CA
RGB	252, 0, 202
RGB Percent	99%, 0%, 79%
CMY	0.0122, 1.0000, 0.2082
CMYK	0.00, 1.00, 0.20, 0.01
HSL	312°, 100%, 49%
HSV	312°, 100%, 99%
XYZ	50.7472, 24.9227, 57.9499
YIQ	98.3760, 85.3500, 116.2460

Conversions

Conversions Part 2

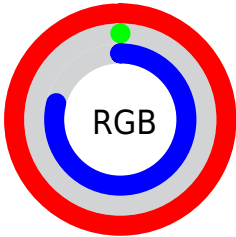
Format	Color
R _Y B	252, 0, 202
Decimal	16515274
CIE Lab	57.00, 90.97, -36.22
CIE LCh	57, 97.917, 338.292
Yxy	24.9227, 0.3798, 0.1865
Android (android.graphics.Color)	4294705354 (0xFFFC00CA)
YUV	98.3760, 51.0866, 134.7282
Hunter-Lab	49.9226, 94.0838, -33.8776

Details

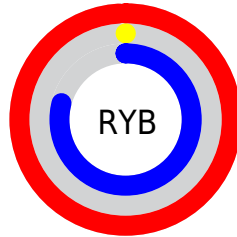
The CIELCh color **57, 97.917, 338.292** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **87, 112.529, 138.219**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 90.426, 327.467**, and **43, 77.781, 339.831** is the 20% darker color. If you saturate the color by 10%, you get **57, 97.881, 338.294**, and if you desaturate by 10%, it is **58, 97.130, 337.202**.

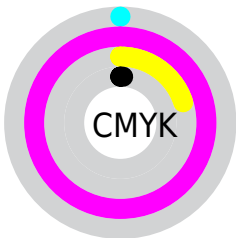
Distribution



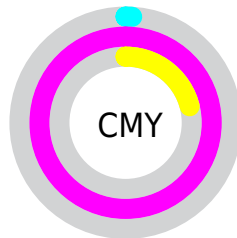
- Red (99%)
- Green (0%)
- Blue (79%)



- Red (99%)
- Yellow (0%)
- Blue (79%)



- Cyan (0%)
- Magenta (100%)
- Yellow (20%)
- Black (1%)





- Cyan (1%)
- Magenta (100%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 97.917, 338.292 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, 97.917, 338.292 by changing the saturation by 10% instead.


 57, 97.917,
338.292


 57, 97.917,
338.292

 100, 97.917,
338.292


 47, 97.917,
338.292

 77, 97.917,
338.292


 37, 97.917,
338.292

 87, 97.917,
338.292

 27, 97.917,
338.292

 97, 97.917,
338.292

 17, 97.917,
338.292

 7, 97.917, 338.292

 0, 97.917, 338.292

■ 57, 97.917,
338.292

■ 57, 97.917,
338.292

■ 57, 97.881,
338.294

■ 58, 97.130,
337.202

■ 60, 93.754,
336.240

■ 62, 87.409,
335.380

■ 66, 78.410,
334.587

■ 70, 67.331,
333.837

■ 75, 54.809,
333.116

■ 81, 41.422,
332.417

■ 87, 27.625,

331.739

■ 93, 13.747,
331.075

Harmonies

Complementary

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



57, 97.917, 338.292



87, 112.529, 138.219

Rectangle

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



57, 97.917, 338.292



57, 97.917, 28.292



57, 97.917, 158.292



57, 97.917, 208.292

Sweetspot

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



57, 97.881, 338.294



82, 41.836, 332.418



33, 131.073, 307.007



41, 28.480, 332.711



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, 97.881, 338.294



58, 98.786, 338.302



53, 86.728, 20.788



49, 7.762, 331.041



43, 78.988, 338.080



11, 36.416, 336.598

Inverse Universe

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



57, 97.881, 338.294



58, 98.786, 338.302



88, 72.003, 160.097



49, 7.762, 331.041



43, 78.988, 338.080



11, 36.416, 336.598

Previews

White Background



This preview shows how the CIELCh color 57, 97.917, 338.292 looks on a white background.

Color Contrast Check

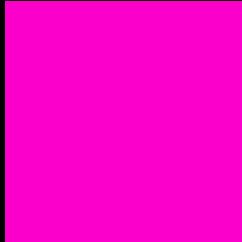
Large Text (above 18pt) WCAG AA ✓ Pass

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, 97.917, 338.292 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, 97.917, 338.292

Background



This preview shows how black text looks on a background with the CIELCh color 57, 97.917, 338.292.



This preview shows how white text looks on a background with the CIELCh color 57, 97.917, 338.292.

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, 97.917, 338.292

Protanopia

58, 68.904, 287.114

Deuteranopia

57, 30.362, 285.091



Tritanopia
57, 70.245, 28.019

Trichromacy



Original Color
57, 97.917, 338.292



Protanomaly
50, 87.310, 308.387



Deuteranomaly
51, 65.739, 320.028



Tritanomaly
56, 75.575, 4.125

Monochromacy



Original Color
57, 97.917, 338.292



Achromatopsia
42, 0.006, 296.813



Achromatomaly
41, 52.830, 334.303

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 97.917, 338.292 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(252, 0, 202)` looks like.

```
.text, #text, p{  
    color:rgb(252, 0, 202)  
}
```

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(252, 0, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 0, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 97.917, 338.292 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(252, 0, 202) }
```

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

```
.border{ border-color:rgb(252, 0, 202) }
```

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

Here you see how a box with a 4 pixel rgb(252, 0, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 0, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 0, 202);  
box-shadow:4px 4px 4px 4px rgb(252, 0,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 97.917, 338.292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 0, 202) }
```

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

```
.background{ background-color: rgb(252, 0,  
202) }
```

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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