

Converting Colors

CIELCh(57, 97.706, 337.949)

Have a look what the booklet for
CIELCh(57, 97.706, 337.949)
contains.

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Color

CIELCh(57, 97.805, 337.866)

Conversions

Conversions Part 1

Format	Color
Hex	FB05CB
RGB	251, 5, 203
RGB Percent	98%, 2%, 80%
CMY	0.0158, 0.9805, 0.2040
CMYK	0.00, 0.98, 0.19, 0.02
HSL	312°, 97%, 50%
HSV	312°, 98%, 98%
XYZ	50.6064, 24.9227, 58.6317
YIQ	101.1260, 83.0580, 113.7300

Conversions

Conversions Part 2

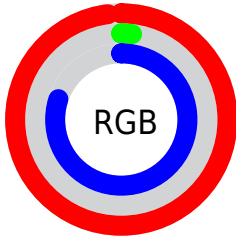
Format	Color
R _Y B	251, 5, 203
Decimal	16451019
CIE Lab	57.00, 90.60, -36.85
CIE LCh	57, 97.805, 337.866
Yxy	24.9227, 0.3772, 0.1858
Android (android.graphics.Color)	4294641099 (0xFFFB05CB)
YUV	101.1260, 50.2239, 131.4395
Hunter-Lab	49.9226, 93.5803, -34.6874

Details

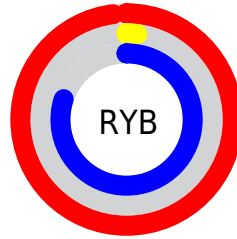
The CIELCh color **57, 97.805, 337.866** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **87, 111.430, 138.424**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 89.964, 327.453**, and **43, 78.010, 339.227** is the 20% darker color. If you saturate the color by 10%, you get **57, 97.864, 338.083**, and if you desaturate by 10%, it is **58, 96.659, 336.819**.

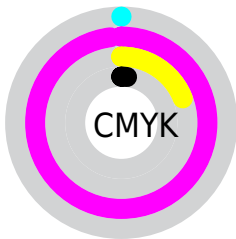
Distribution



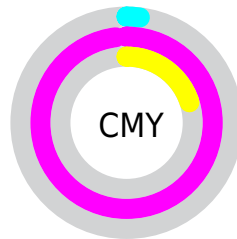
- Red (98%)
- Green (2%)
- Blue (80%)



- Red (98%)
- Yellow (2%)
- Blue (80%)



- Cyan (0%)
- Magenta (98%)
- Yellow (19%)
- Black (2%)



- Cyan (2%)
- Magenta (98%)
- Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 97.805, 337.866 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, 97.805, 337.866 by changing the saturation by 10% instead.


 57, 97.805,
337.866

 57, 97.805,
337.866

 100, 97.805,
337.866


 47, 97.805,
337.866

 77, 97.805,
337.866

 37, 97.805,
337.866

 87, 97.805,
337.866

 27, 97.805,
337.866

 97, 97.805,
337.866

 17, 97.805,
337.866

 7, 97.805, 337.866

 0, 97.805, 337.866

■ 57, 97.805,
337.866

■ 57, 97.805,
337.866

■ 57, 97.864,
338.083

■ 58, 96.659,
336.819

■ 60, 92.679,
335.899

■ 63, 85.770,
335.068

■ 67, 76.314,
334.295

■ 71, 64.907,
333.559

■ 76, 52.181,
332.848

■ 82, 38.691,
332.158

■ 87, 24.864,

331.486

94, 11.008,
330.824

Harmonies

Complementary

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



57, 97.805, 337.866



87, 111.430, 138.424

Rectangle

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



57, 97.805, 337.866



57, 97.805, 27.866



57, 97.805, 157.866



57, 97.805, 207.866

Sweetspot

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



57, 97.801, 337.866



82, 40.549, 332.226



33, 129.734, 306.982



41, 27.770, 332.519



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, 97.801, 337.866



58, 99.038, 338.093



53, 85.678, 19.686



49, 7.780, 330.923



43, 79.186, 337.877



11, 36.497, 336.429

Inverse Universe

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



57, 97.801, 337.866



58, 99.038, 338.093



88, 71.126, 160.536



49, 7.780, 330.923



43, 79.186, 337.877



11, 36.497, 336.429

Previews

White Background



This preview shows how the CIELCh color 57, 97.805, 337.866 looks on a white background.

Color Contrast Check

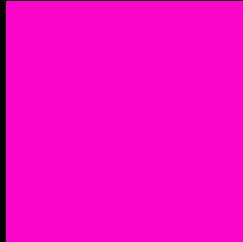
Large Text (above 18pt) WCAG AA ✓ Pass

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, 97.805, 337.866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

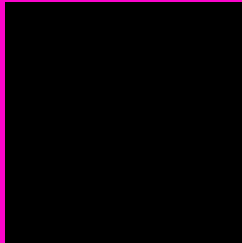
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 97.805, 337.866

Background



This preview shows how black text looks on a background with the CIELCh color 57, 97.805, 337.866.



This preview shows how white text looks on a background with the CIELCh color 57, 97.805, 337.866.

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, 97.805, 337.866

Protanopia

58, 68.926, 286.993

Deuteranopia

57, 30.955, 284.772



Tritanopia
57, 69.849, 27.959

Trichromacy



Original Color
57, 97.805, 337.866



Protanomaly
50, 86.189, 307.927



Deuteranomaly
51, 65.569, 319.440



Tritanomaly
56, 74.807, 4.147

Monochromacy



Original Color
57, 97.805, 337.866



Achromatopsia
43, 0.006, 296.813



Achromatomaly
42, 51.732, 334.337

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 97.805, 337.866 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(251, 5, 203)` looks like.

```
.text, #text, p{  
    color:rgb(251, 5, 203)  
}
```

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(251, 5, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 5, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 97.805, 337.866 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(251, 5, 203) }
```

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

```
.border{ border-color:rgb(251, 5, 203) }
```

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

Here you see how a box with a 4 pixel rgb(251, 5, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 5, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 5, 203);  
box-shadow:4px 4px 4px 4px rgb(251, 5,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 97.805, 337.866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 5, 203) }
```

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

```
.background{ background-color: rgb(251, 5,  
203) }
```

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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