

Converting Colors

CIELCh(57, 94.240, 342.629)

Have a look what the booklet for
CIELCh(57, 94.240, 342.629)
contains.

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Color

CIELCh(57, 94.209, 342.595)

Conversions

Conversions Part 1

Format	Color
Hex	FF01BC
RGB	255, 1, 188
RGB Percent	100%, 0%, 74%
CMY	0.0000, 0.9953, 0.2626
CMYK	0.00, 1.00, 0.26, 0.00
HSL	316°, 100%, 50%
HSV	316°, 100%, 100%
XYZ	50.3440, 24.9227, 49.7496
YIQ	98.2640, 91.3570, 112.0050

Conversions

Conversions Part 2

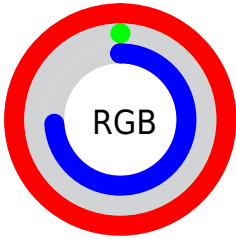
Format	Color
R_{YB}	255, 1, 188
Decimal	16712124
CIE _{Lab}	57.00, 89.90, -28.18
CIE _{LCh}	57, 94.209, 342.595
Yxy	24.9227, 0.4027, 0.1994
Android (android.graphics.Color)	4294902204 (0xFFFF01BC)
YUV	98.2640, 44.2398, 137.4575
Hunter-Lab	49.9226, 92.6420, -24.1387

Details

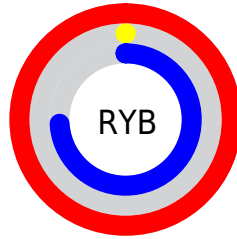
The CIELCh color **57, 94.209, 342.595** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle saturated rose. A complement of this color would be **88, 109.364, 139.798**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 86.193, 329.775**, and **43, 74.544, 345.376** is the 20% darker color. If you saturate the color by 10%, you get **57, 94.204, 342.667**, and if you desaturate by 10%, it is **58, 93.640, 340.981**.

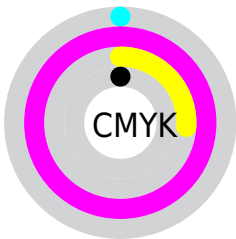
Distribution



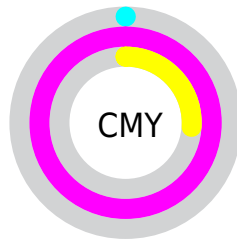
- Red (100%)
- Green (0%)
- Blue (74%)



- Red (100%)
- Yellow (0%)
- Blue (74%)



- Cyan (0%)
- Magenta (100%)
- Yellow (26%)
- Black (0%)





- Cyan (0%)
- Magenta (100%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 94.209, 342.595 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, 94.209, 342.595 by changing the saturation by 10% instead.


 57, 94.209,
342.595


 57, 94.209,
342.595


 100, 94.209,
342.595


 47, 94.209,
342.595


 77, 94.209,
342.595

 37, 94.209,
342.595

 87, 94.209,
342.595

 27, 94.209,
342.595

 97, 94.209,
342.595

 17, 94.209,
342.595

 7, 94.209, 342.595

 0, 94.209, 342.595

■ 57, 94.209,
342.595

■ 57, 94.209,
342.595

■ 57, 94.204,
342.667

■ 58, 93.640,
340.981

■ 60, 90.395,
339.624

■ 63, 84.193,
338.471

■ 66, 75.382,
337.461

■ 71, 64.558,
336.552

■ 76, 52.365,
335.713

■ 82, 39.372,
334.928

■ 88, 26.022,

334.184

94, 12.627,
333.469

Harmonies

Complementary

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



57, 94.209, 342.595



88, 109.364, 139.798

Rectangle

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



57, 94.209, 342.595



57, 94.209, 32.595



57, 94.209, 162.595



57, 94.209, 212.595

Sweetspot

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



57, 94.202, 342.589



81, 39.992, 334.964



35, 130.950, 307.585



41, 27.234, 335.290



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, 94.202, 342.589



57, 94.204, 342.667



54, 90.623, 26.447



50, 7.532, 333.467



43, 76.114, 342.348



11, 35.805, 340.215

Inverse Universe

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



57, 94.202, 342.589



57, 94.204, 342.667



90, 66.578, 165.732



50, 7.532, 333.467



43, 76.114, 342.348



11, 35.805, 340.215

Previews

White Background



This preview shows how the CIELCh color 57, 94.209, 342.595 looks on a white background.

Color Contrast Check

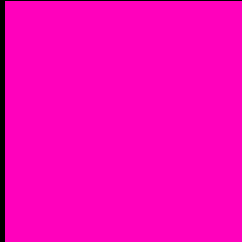
Large Text (above 18pt) WCAG AA ✓ Pass

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, 94.209, 342.595 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, 94.209, 342.595

Background



This preview shows how black text looks on a background with the CIELCh color 57, 94.209, 342.595.



This preview shows how white text looks on a background with the CIELCh color 57, 94.209, 342.595.

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, 94.209, 342.595

Protanopia

58, 68.904, 287.114

Deuteranopia

57, 23.392, 289.501



Tritanopia
57, 74.999, 29.186

Trichromacy



Original Color
57, 94.209, 342.595



Protanomaly
49, 84.167, 308.686



Deuteranomaly
51, 60.515, 325.821



Tritanomaly
56, 77.264, 8.391

Monochromacy



Original Color
57, 94.209, 342.595



Achromatopsia
42, 0.006, 296.813



Achromatomaly
41, 50.602, 337.124

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 94.209, 342.595 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(255, 1, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 1, 188)  
}
```

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(255, 1, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 1, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 94.209, 342.595 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(255, 1, 188) }
```

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

```
.border{ border-color:rgb(255, 1, 188) }
```

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

Here you see how a box with a 4 pixel rgb(255, 1, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 1, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 1, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 1,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 94.209, 342.595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 1, 188) }
```

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

```
.background{ background-color: rgb(255, 1,  
188) }
```

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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