

Converting Colors

CIELCh(57, 92.674, 344.433)

Have a look what the booklet for
CIELCh(57, 92.674, 344.433)
contains.

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Color

CIELCh(57, 92.511, 344.331)

Conversions

Conversions Part 1

Format	Color
Hex	FF07B7
RGB	255, 7, 183
RGB Percent	100%, 3%, 72%
CMY	0.0000, 0.9732, 0.2842
CMYK	0.00, 0.97, 0.28, 0.00
HSL	318°, 100%, 51%
HSV	318°, 97%, 100%
XYZ	50.0375, 24.9227, 46.7179
YIQ	101.2160, 91.3120, 107.3120

Conversions

Conversions Part 2

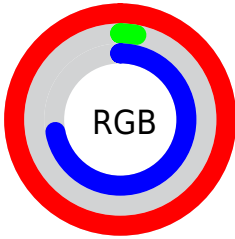
Format	Color
RYB	255, 7, 183
Decimal	16713655
CIELab	57.00, 89.07, -24.99
CIElCh	57, 92.511, 344.331
Yxy	24.9227, 0.4112, 0.2048
Android (android.graphics.Color)	4294903735 (0xFFFF07B7)
YUV	101.2160, 40.3195, 134.8686
Hunter-Lab	49.9226, 91.5463, -20.5382

Details

The CIELCh color **57, 92.511, 344.331** 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, 106.118, 140.988**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 83.855, 330.925**, and **43, 73.605, 346.955** is the 20% darker color. If you saturate the color by 10%, you get **57, 92.439, 344.722**, and if you desaturate by 10%, it is **58, 91.496, 342.402**.

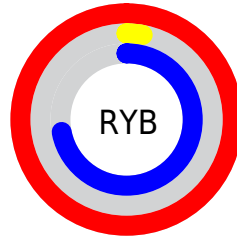
Distribution



Red (100%)

Green (3%)

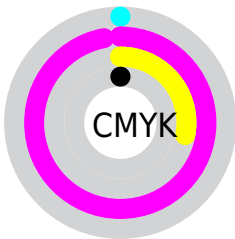
Blue (72%)



Red (100%)

Yellow (3%)

Blue (72%)

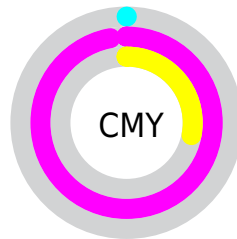


Cyan (0%)

Magenta (97%)

Yellow (28%)

Black (0%)



Cyan (0%)


Magenta (97%)


Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 92.511, 344.331 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, 92.511, 344.331 by changing the saturation by 10% instead.


 57, 92.511,
344.331


 57, 92.511,
344.331


 100, 92.511,
344.331


 47, 92.511,
344.331


 77, 92.511,
344.331


 37, 92.511,
344.331

 87, 92.511,
344.331

 27, 92.511,
344.331

 97, 92.511,
344.331

 17, 92.511,
344.331

 7, 92.511, 344.331

 0, 92.511, 344.331

■ 57, 92.511,
344.331

■ 57, 92.511,
344.331

■ 57, 92.439,
344.722

■ 58, 91.496,
342.402

■ 60, 87.683,
340.914

■ 63, 80.983,
339.664

■ 67, 71.821,
338.582

■ 72, 60.820,
337.619

■ 77, 48.613,
336.740

■ 83, 35.739,
335.925

■ 89, 22.604,

335.159

 95, 9.489, 334.421

Harmonies

Complementary

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



57, 92.511, 344.331



88, 106.118, 140.988

Rectangle

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



57, 92.511, 344.331



57, 92.511, 34.331



57, 92.511, 164.331



57, 92.511, 214.331

Sweetspot

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



57, 92.444, 344.202



82, 37.929, 336.058



36, 129.179, 308.005



41, 25.989, 336.403



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, 92.444, 344.202



57, 92.439, 344.722



54, 91.267, 27.943



50, 7.382, 334.583



43, 74.698, 344.350



11, 35.185, 341.869

Inverse Universe

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



57, 92.444, 344.202



57, 92.439, 344.722



90, 63.233, 169.296



50, 7.382, 334.583



43, 74.698, 344.350



11, 35.185, 341.869

Previews

White Background



This preview shows how the CIELCh color 57, 92.511, 344.331 looks on a white background.

Color Contrast Check

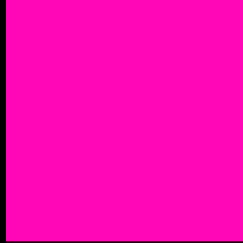
Large Text (above 18pt) WCAG AA ✓ Pass

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, 92.511, 344.331 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, 92.511, 344.331

Background



This preview shows how black text looks on a background with the CIELCh color 57, 92.511, 344.331.



This preview shows how white text looks on a background with the CIELCh color 57, 92.511, 344.331.

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, 92.546, 344.067

Protanopia
58, 68.926, 286.993

Deuteranopia
57, 20.535, 291.560



Tritanopia
57, 76.151, 29.861

Trichromacy



Original Color
57, 92.546, 344.067



Protanomaly
50, 81.985, 308.505



Deuteranomaly
51, 57.439, 328.026



Tritanomaly
56, 77.349, 10.077

Monochromacy



Original Color
57, 92.546, 344.067



Achromatopsia
43, 0.006, 296.813



Achromatomaly
42, 48.787, 338.252

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 92.511, 344.331 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, 7, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 7, 183)  
}
```

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, 7, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 7, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 92.511, 344.331 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, 7, 183) }
```

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

```
.border{ border-color:rgb(255, 7, 183) }
```

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

Here you see how a box with a 4 pixel rgb(255, 7, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 7, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 7, 183);  
box-shadow:4px 4px 4px 4px rgb(255, 7,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 92.511, 344.331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 7, 183) }
```

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

```
.background{ background-color: rgb(255, 7,  
183) }
```

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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