

Converting Colors

CIELCh(54, 84.343, 357.719)

Have a look what the booklet for
CIELCh(54, 84.343, 357.719)
contains.

CIELCh(54, 84.117, 357.706)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(54, 84.117, 357.706)

Conversions

Conversions Part 1

Format	Color
Hex	F9008A
RGB	249, 0, 138
RGB Percent	98%, 0%, 54%
CMY	0.0235, 0.9998, 0.4588
CMYK	0.00, 1.00, 0.45, 0.02
HSL	327°, 100%, 49%
HSV	327°, 100%, 98%
XYZ	43.6542, 21.9746, 25.9854
YIQ	90.1830, 104.1060, 95.7060

Conversions

Conversions Part 2

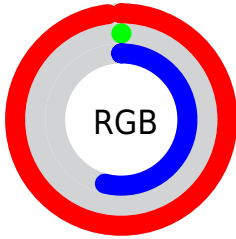
Format	Color
R_{YB}	249, 0, 138
Decimal	16318602
CIE _{Lab}	54.00, 84.05, -3.37
CIE _{LCh}	54, 84.117, 357.706
Yxy	21.9746, 0.4765, 0.2399
Android (android.graphics.Color)	4294508682 (0xFFFF9008A)
YUV	90.1830, 23.5738, 139.2825
Hunter-Lab	46.8770, 84.1933, -0.0524

Details

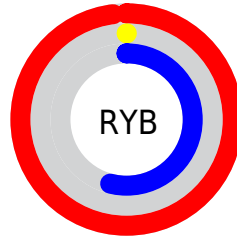
The CIELCh color **54, 84.117, 357.706** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark saturated rose. A complement of this color would be **86, 93.162, 146.140**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **65, 70.408, 345.399**, and **40, 66.652, 4.597** is the 20% darker color. If you saturate the color by 10%, you get **54, 84.114, 357.715**, and if you desaturate by 10%, it is **55, 83.304, 354.221**.

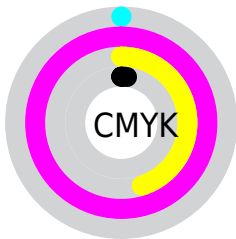
Distribution



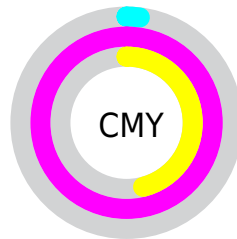
- Red (98%)
- Green (0%)
- Blue (54%)



- Red (98%)
- Yellow (0%)
- Blue (54%)



- Cyan (0%)
- Magenta (100%)
- Yellow (45%)
- Black (2%)



- Cyan (2%)
- Magenta (100%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 84.117, 357.706 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 54, 84.117, 357.706 by changing the saturation by 10% instead.


 54, 84.117,
357.706

 54, 84.117,
357.706

 100, 84.117,
357.706

 44, 84.117,
357.706


 74, 84.117,
357.706


 34, 84.117,
357.706


 84, 84.117,
357.706

 24, 84.117,
357.706

 94, 84.117,
357.706

 14, 84.117,
357.706

 4, 84.117, 357.706

 0, 84.117, 357.706

■ 54, 84.117,
357.706

■ 54, 84.117,
357.706

■ 54, 84.114,
357.715

■ 55, 83.304,
354.221

■ 57, 80.280,
351.393

■ 60, 74.647,
349.149

■ 64, 66.704,
347.343

■ 68, 57.011,
345.852

■ 74, 46.175,
344.587

■ 79, 34.720,
343.486

■ 85, 23.040,

342.504

92, 11.405,
341.606

Harmonies

Complementary

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



54, 84.117, 357.706



86, 93.162, 146.140

Rectangle

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



54, 84.117, 357.706



54, 84.117, 47.706



54, 84.117, 177.706



54, 84.117, 227.706

Sweetspot

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



54, 84.113, 357.707



81, 35.423, 343.492



38, 124.565, 310.288



41, 24.163, 343.940



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



54, 84.113, 357.707



55, 85.631, 357.768



52, 100.046, 38.040



49, 6.513, 341.564



41, 68.457, 357.021



10, 31.670, 352.065

Inverse Universe

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



54, 84.113, 357.707



55, 85.631, 357.768



89, 52.227, 186.519



49, 6.513, 341.564



41, 68.457, 357.021



10, 31.670, 352.065

Previews

White Background



This preview shows how the CIELCh color 54, 84.117, 357.706 looks on a white background.

Color Contrast Check

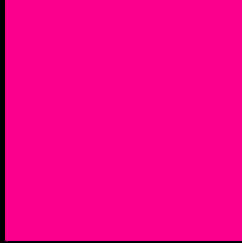
Large Text (above 18pt) WCAG AA ✓ Pass

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 54, 84.117, 357.706 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 54, 84.117, 357.706

Background



This preview shows how black text looks on a background with the CIELCh color 54, 84.117, 357.706.

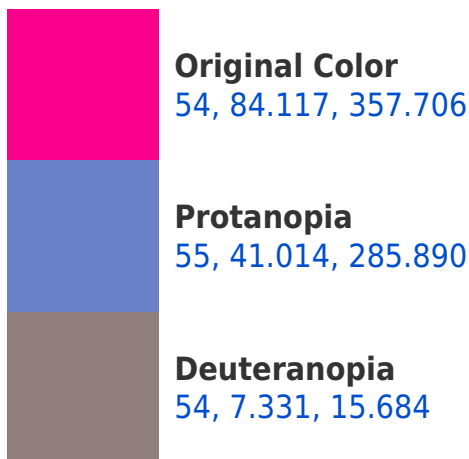


This preview shows how white text looks on a background with the CIELCh color 54, 84.117, 357.706.

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





Tritanopia
54, 83.555, 33.003

Trichromacy



Original Color
54, 84.117, 357.706



Protanomaly
47, 60.369, 321.102



Deuteranomaly
49, 47.664, 349.891



Tritanomaly
53, 80.882, 19.578

Monochromacy



Original Color
54, 84.117, 357.706



Achromatopsia
38, 0.005, 296.813



Achromatomaly
38, 44.764, 347.524

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 84.117, 357.706 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(249, 0, 138)` looks like.

```
.text, #text, p{  
    color:rgb(249, 0, 138)  
}
```

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(249, 0, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 0, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 84.117, 357.706 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(249, 0, 138) }
```

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

```
.border{ border-color:rgb(249, 0, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 0, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 0, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 0, 138);  
box-shadow:4px 4px 4px 4px rgb(249, 0,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 84.117, 357.706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 0, 138) }
```

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

```
.background{ background-color: rgb(249, 0,  
138) }
```

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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