

Converting Colors

CIELCh(54, 84.508, 357.138)

Have a look what the booklet for
CIELCh(54, 84.508, 357.138)
contains.

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Color

CIELCh(54, 84.222, 357.332)

Conversions

Conversions Part 1

Format	Color
Hex	F9008B
RGB	249, 0, 139
RGB Percent	98%, 0%, 55%
CMY	0.0239, 1.0000, 0.4552
CMYK	0.00, 1.00, 0.44, 0.02
HSL	327°, 100%, 49%
HSV	327°, 100%, 98%
XYZ	43.6818, 21.9746, 26.3348
YIQ	90.2970, 103.7850, 96.0170

Conversions

Conversions Part 2

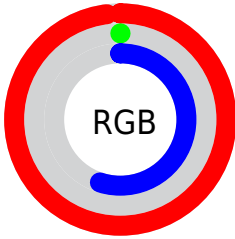
Format	Color
R_{YB}	249, 0, 139
Decimal	16318603
CIE _{Lab}	54.00, 84.13, -3.92
CIE _{LCh}	54, 84.222, 357.332
Y _{xy}	21.9746, 0.4748, 0.2389
Android (android.graphics.Color)	4294508683 (0xFFFF9008B)
YUV	90.2970, 24.0106, 139.1825
Hunter-Lab	46.8770, 84.2982, -0.4943

Details

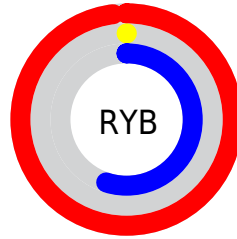
The CIELCh color **54, 84.222, 357.332** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark saturated rose. A complement of this color would be **86, 93.500, 145.959**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **65, 70.662, 345.022**, and **40, 66.680, 4.079** is the 20% darker color. If you saturate the color by 10%, you get **54, 84.194, 357.340**, and if you desaturate by 10%, it is **55, 83.413, 353.898**.

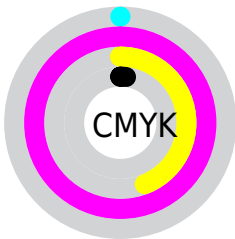
Distribution



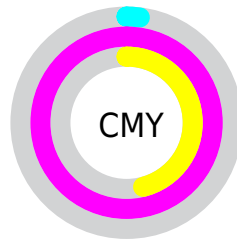
- Red (98%)
- Green (0%)
- Blue (55%)



- Red (98%)
- Yellow (0%)
- Blue (55%)



- Cyan (0%)
- Magenta (100%)
- Yellow (44%)
- Black (2%)





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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 84.222, 357.332 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, 84.222, 357.332 by changing the saturation by 10% instead.


 54, 84.222,
357.332

 54, 84.222,
357.332


 100, 84.222,
357.332


 44, 84.222,
357.332


 74, 84.222,
357.332

 34, 84.222,
357.332

 84, 84.222,
357.332

 24, 84.222,
357.332

 94, 84.222,
357.332

 14, 84.222,
357.332

 4, 84.222, 357.332

 0, 84.222, 357.332

■ 54, 84.222,
357.332

■ 54, 84.222,
357.332

■ 54, 84.194,
357.340

■ 55, 83.413,
353.898

■ 57, 80.410,
351.105

■ 60, 74.786,
348.888

■ 64, 66.845,
347.101

■ 68, 57.146,
345.624

■ 74, 46.297,
344.369

■ 79, 34.823,
343.275

■ 85, 23.120,

342.299

92, 11.458,
341.406

Harmonies

Complementary

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



54, 84.222, 357.332



86, 93.500, 145.959

Rectangle

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



54, 84.222, 357.332



54, 84.222, 47.332



54, 84.222, 177.332



54, 84.222, 227.332

Sweetspot

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



54, 84.194, 357.340



81, 35.513, 343.279



38, 124.538, 310.287



41, 24.223, 343.724



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, 84.194, 357.340



55, 85.737, 357.393



52, 100.027, 38.046



49, 6.531, 341.362



41, 68.547, 356.656



10, 31.722, 351.766

Inverse Universe

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



54, 84.194, 357.340



55, 85.737, 357.393



89, 52.213, 186.517



49, 6.531, 341.362



41, 68.547, 356.656



10, 31.722, 351.766

Previews

White Background



This preview shows how the CIELCh color 54, 84.222, 357.332 looks on a white background.

Color Contrast Check

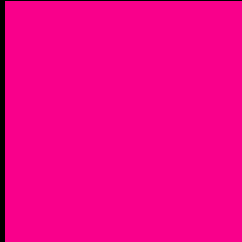
Large Text (above 18pt) WCAG AA ✓ Pass

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, 84.222, 357.332 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, 84.222, 357.332

Background



This preview shows how black text looks on a background with the CIELCh color 54, 84.222, 357.332.

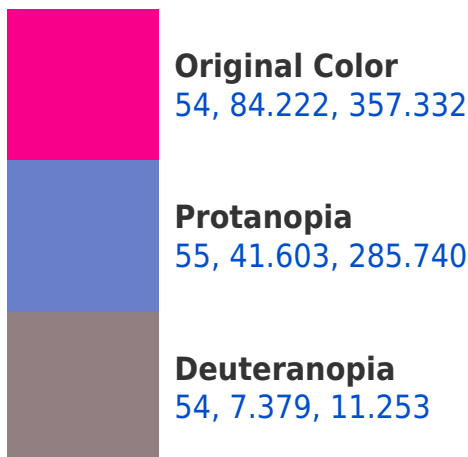


This preview shows how white text looks on a background with the CIELCh color 54, 84.222, 357.332.

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, 84.222, 357.332



Protanomaly
47, 60.769, 320.533



Deuteranomaly
49, 47.897, 349.271



Tritanomaly
53, 80.882, 19.578

Monochromacy



Original Color
54, 84.222, 357.332



Achromatopsia
38, 0.005, 296.813



Achromatomaly
38, 45.027, 346.853

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 84.222, 357.332 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, 139)` looks like.

```
.text, #text, p{  
    color:rgb(249, 0, 139)  
}
```

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, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 0, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 84.222, 357.332 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, 139) }
```

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

```
.border{ border-color:rgb(249, 0, 139) }
```

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, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 0, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 0, 139);  
box-shadow:4px 4px 4px 4px rgb(249, 0,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 84.222, 357.332 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, 139) }
```

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

```
.background{ background-color: rgb(249, 0,  
139) }
```

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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