

Converting Colors

CIELCh(54, 83.929, 3.492)

Have a look what the booklet for
CIELCh(54, 83.929, 3.492) contains.

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Color

CIELCh(54, 83.564, 3.486)

Conversions

Conversions Part 1

Format	Color
Hex	FB007C
RGB	251, 0, 124
RGB Percent	98%, 0%, 49%
CMY	0.0156, 0.9992, 0.5136
CMYK	0.00, 1.00, 0.51, 0.02
HSL	330°, 100%, 49%
HSV	330°, 100%, 98%
XYZ	43.4373, 21.9746, 21.0300
YIQ	89.1850, 109.7920, 91.7760

Conversions

Conversions Part 2

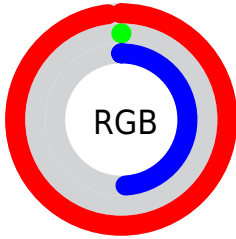
Format	Color
RYB	251, 0, 124
Decimal	16449660
CIELab	54.00, 83.41, 5.08
CIElCh	54, 83.564, 3.486
Yxy	21.9746, 0.5025, 0.2542
Android (android.graphics.Color)	4294639740 (0xFFFB007C)
YUV	89.1850, 17.1638, 141.9118
Hunter-Lab	46.8770, 83.3671, 6.2151

Details

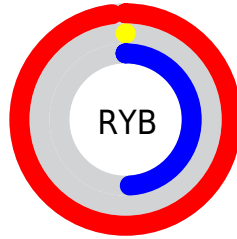
The CIELCh color **54, 83.564, 3.486** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark saturated rose. A complement of this color would be **87, 88.229, 149.011**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 67.050, 351.445**, and **40, 67.109, 11.096** is the 20% darker color. If you saturate the color by 10%, you get **54, 83.569, 3.523**, and if you desaturate by 10%, it is **55, 82.234, 359.333**.

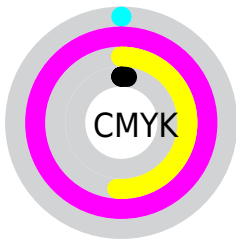
Distribution



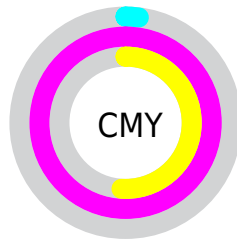
- Red (98%)
- Green (0%)
- Blue (49%)



- Red (98%)
- Yellow (0%)
- Blue (49%)



- Cyan (0%)
- Magenta (100%)
- Yellow (51%)
- Black (2%)



- Cyan (2%)
- Magenta (100%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 83.564, 3.486 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, 83.564, 3.486 by changing the saturation by 10% instead.

 54, 83.564, 3.486

 54, 83.564, 3.486

 100, 83.564, 3.486

 44, 83.564, 3.486

 74, 83.564, 3.486

 34, 83.564, 3.486

 84, 83.564, 3.486

 24, 83.564, 3.486

 94, 83.564, 3.486

 14, 83.564, 3.486


 4, 83.564, 3.486

 0, 83.564, 3.486

 54, 83.564, 3.486

 54, 83.564, 3.486

 54, 83.569, 3.523

 55, 82.234,
359.333

57, 78.887,
355.959

60, 73.089,
353.301

64, 65.109,
351.190

69, 55.488,
349.477

74, 44.819,
348.050

80, 33.608,
346.829

86, 22.234,
345.760

92, 10.952,
344.794

Harmonies

Complementary

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



54, 83.564, 3.486



87, 88.229, 149.011

Rectangle

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



54, 83.564, 3.486



54, 83.564, 53.486



54, 83.564, 183.486



54, 83.564, 233.486

Sweetspot

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



54, 83.560, 3.487



81, 34.132, 346.841



40, 123.527, 311.689



40, 23.304, 347.336



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, 83.560, 3.487



55, 84.565, 3.564



52, 103.297, 39.983



49, 6.251, 344.754



41, 67.510, 2.675



10, 31.007, 356.719

Inverse Universe

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



54, 83.560, 3.487



55, 84.565, 3.564



90, 49.519, 196.387



49, 6.251, 344.754



41, 67.510, 2.675



10, 31.007, 356.719

Previews

White Background



This preview shows how the CIELCh color 54, 83.564, 3.486 looks on a white background.

Color Contrast Check

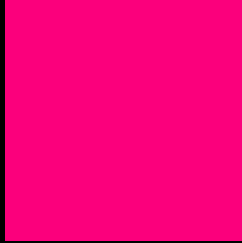
Large Text (above 18pt) WCAG AA ✓ Pass

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, 83.564, 3.486 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, 83.564, 3.486

Background



This preview shows how black text looks on a background with the CIELCh color 54, 83.564, 3.486.



This preview shows how white text looks on a background with the CIELCh color 54, 83.564, 3.486.

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

54, 83.564, 3.486

Protanopia

55, 28.915, 285.166

Deuteranopia

55, 11.972, 55.019



Tritanopia
54, 87.516, 34.316

Trichromacy



Original Color

54, 83.564, 3.486



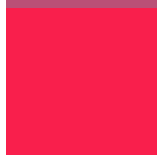
Protanomaly

48, 52.404, 329.223



Deuteranomaly

49, 46.594, 359.793



Tritanomaly

54, 84.093, 23.407

Monochromacy



Original Color

54, 83.564, 3.486



Achromatopsia

38, 0.005, 296.813



Achromatomaly

38, 43.562, 351.018

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 83.564, 3.486 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, 0, 124)` looks like.

```
.text, #text, p{  
    color:rgb(251, 0, 124)  
}
```

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, 0, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 0, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 83.564, 3.486 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, 0, 124) }
```

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

```
.border{ border-color:rgb(251, 0, 124) }
```

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

Here you see how a box with a 4 pixel rgb(251, 0, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 0, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 0, 124);  
box-shadow:4px 4px 4px 4px rgb(251, 0,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 83.564, 3.486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 0, 124) }
```

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

```
.background{ background-color: rgb(251, 0,  
124) }
```

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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