

Converting Colors

CIELCh(54, 83.530, 3.876)

Have a look what the booklet for
CIELCh(54, 83.530, 3.876) contains.

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Color

CIELCh(54, 83.465, 3.902)

Conversions

Conversions Part 1

Format	Color
Hex	FB017B
RGB	251, 1, 123
RGB Percent	98%, 0%, 48%
CMY	0.0155, 0.9951, 0.5175
CMYK	0.00, 1.00, 0.51, 0.02
HSL	331°, 99%, 49%
HSV	331°, 100%, 98%
XYZ	43.3906, 21.9746, 20.7050
YIQ	89.6580, 109.8380, 90.9420

Conversions

Conversions Part 2

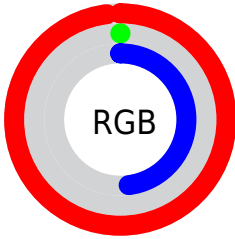
Format	Color
R_{YB}	251, 1, 123
Decimal	16449915
CIE _{Lab}	54.00, 83.27, 5.68
CIE _{LCh}	54, 83.465, 3.902
Yxy	21.9746, 0.5041, 0.2553
Android (android.graphics.Color)	4294639995 (0xFFFB017B)
YUV	89.6580, 16.4376, 141.4969
Hunter-Lab	46.8770, 83.1895, 6.6263

Details

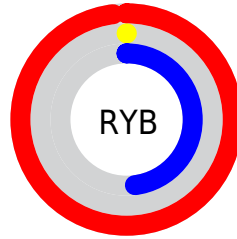
The CIELCh color **54, 83.465, 3.902** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark saturated rose. A complement of this color would be **87, 87.458, 149.417**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 66.858, 351.874**, and **40, 67.168, 11.615** is the 20% darker color. If you saturate the color by 10%, you get **54, 83.522, 4.121**, and if you desaturate by 10%, it is **55, 82.027, 359.707**.

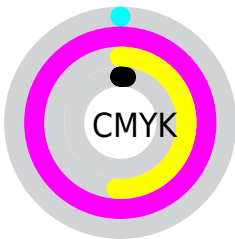
Distribution



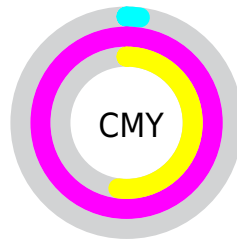
- Red (98%)
- Green (0%)
- Blue (48%)



- Red (98%)
- Yellow (0%)
- Blue (48%)



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



- Cyan (2%)
- Magenta (100%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 83.465, 3.902 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, 83.465, 3.902 by changing the saturation by 10% instead.

 54, 83.465, 3.902  54, 83.465, 3.902

 100, 83.465, 3.902  44, 83.465, 3.902

 74, 83.465, 3.902  34, 83.465, 3.902

 84, 83.465, 3.902  24, 83.465, 3.902

 94, 83.465, 3.902  14, 83.465, 3.902

 4, 83.465, 3.902

 0, 83.465, 3.902

 54, 83.465, 3.902  54, 83.465, 3.902

 54, 83.522, 4.121  55, 82.027,
359.707

57, 78.540,
356.312

60, 72.623,
353.639

64, 64.560,
351.516

69, 54.894,
349.794

74, 44.213,
348.360

80, 33.017,
347.135

86, 21.679,
346.062

92, 10.446,
345.092

Harmonies

Complementary

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



54, 83.465, 3.902



87, 87.458, 149.417

Rectangle

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



54, 83.465, 3.902



54, 83.465, 53.902



54, 83.465, 183.902



54, 83.465, 233.902

Sweetspot

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



54, 83.461, 3.903



81, 34.009, 347.195



40, 123.354, 311.716



40, 23.222, 347.694



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, 83.461, 3.903



55, 84.514, 4.162



52, 103.081, 39.895



49, 6.226, 345.092



40, 67.458, 3.260



10, 30.953, 357.205

Inverse Universe

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



54, 83.461, 3.903



55, 84.514, 4.162



90, 49.500, 196.388



49, 6.226, 345.092



40, 67.458, 3.260



10, 30.953, 357.205

Previews

White Background



This preview shows how the CIELCh color 54, 83.465, 3.902 looks on a white background.

Color Contrast Check

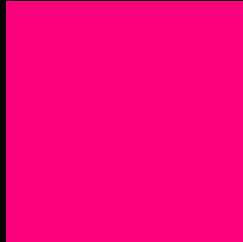
Large Text (above 18pt) WCAG AA ✓ Pass

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, 83.465, 3.902 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, 83.465, 3.902

Background



This preview shows how black text looks on a background with the CIELCh color 54, 83.465, 3.902.



This preview shows how white text looks on a background with the CIELCh color 54, 83.465, 3.902.

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, 83.465, 3.902

Protanopia

55, 28.353, 284.904

Deuteranopia

55, 12.339, 57.061



Tritanopia
54, 87.516, 34.316

Trichromacy



Original Color
54, 83.465, 3.902



Protanomaly
48, 51.388, 329.619



Deuteranomaly
49, 46.000, 0.820



Tritanomaly
54, 83.971, 23.494

Monochromacy



Original Color
54, 83.465, 3.902



Achromatopsia
38, 0.005, 296.813



Achromatomaly
39, 43.336, 351.676

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 83.465, 3.902 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, 1, 123)` looks like.

```
.text, #text, p{  
    color:rgb(251, 1, 123)  
}
```

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, 1, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 1, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 83.465, 3.902 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, 1, 123) }
```

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

```
.border{ border-color:rgb(251, 1, 123) }
```

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

Here you see how a box with a 4 pixel rgb(251, 1, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 1, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 1, 123);  
box-shadow:4px 4px 4px 4px rgb(251, 1,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 83.465, 3.902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 1, 123) }
```

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

```
.background{ background-color: rgb(251, 1,  
123) }
```

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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