

Converting Colors

CIELCh(54, 83.351, 2.866)

Have a look what the booklet for
CIELCh(54, 83.351, 2.866) contains.

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Color

CIELCh(54, 83.450, 2.784)

Conversions

Conversions Part 1

Format	Color
Hex	FB027E
RGB	251, 2, 126
RGB Percent	98%, 1%, 49%
CMY	0.0171, 0.9937, 0.5070
CMYK	0.00, 0.99, 0.50, 0.02
HSL	330°, 99%, 49%
HSV	330°, 99%, 98%
XYZ	43.4177, 21.9746, 21.5960
YIQ	90.5870, 108.6000, 91.3520

Conversions

Conversions Part 2

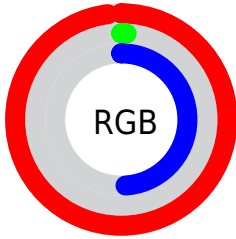
Format	Color
R_{YB}	251, 2, 126
Decimal	16450174
CIE _{Lab}	54.00, 83.35, 4.05
CIE _{LCh}	54, 83.450, 2.784
Yxy	21.9746, 0.4991, 0.2526
Android (android.graphics.Color)	4294640254 (0xFFFB027E)
YUV	90.5870, 17.4586, 140.6822
Hunter-Lab	46.8770, 83.2925, 5.4994

Details

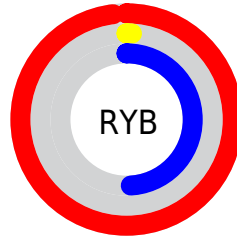
The CIELCh color **54, 83.450, 2.784** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark saturated rose. A complement of this color would be **87, 88.269, 148.899**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 67.446, 350.597**, and **40, 67.010, 10.055** is the 20% darker color. If you saturate the color by 10%, you get **54, 83.516, 3.058**, and if you desaturate by 10%, it is **55, 82.108, 358.713**.

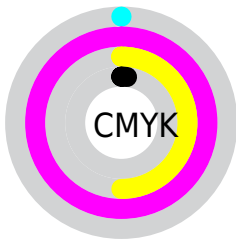
Distribution



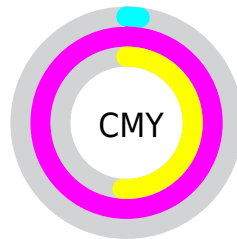
- Red (98%)
- Green (1%)
- Blue (49%)



- Red (98%)
- Yellow (1%)
- Blue (49%)



- Cyan (0%)
- Magenta (99%)
- Yellow (50%)
- Black (2%)



- Cyan (2%)
- Magenta (99%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 83.450, 2.784 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, 83.450, 2.784 by changing the saturation by 10% instead.

 54, 83.450, 2.784

 54, 83.450, 2.784

 100, 83.450, 2.784

 44, 83.450, 2.784

 74, 83.450, 2.784

 34, 83.450, 2.784

 84, 83.450, 2.784

 24, 83.450, 2.784

 94, 83.450, 2.784

 14, 83.450, 2.784


 4, 83.450, 2.784

 0, 83.450, 2.784

 54, 83.450, 2.784

 54, 83.450, 2.784

 54, 83.516, 3.058

 55, 82.108,
358.713

57, 78.656,
355.426

60, 72.745,
352.836

64, 64.669,
350.775

69, 54.978,
349.098

74, 44.263,
347.696

80, 33.025,
346.495

86, 21.637,
345.440

92, 10.348,
344.483

Harmonies

Complementary

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



54, 83.450, 2.784



87, 88.269, 148.899

Rectangle

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



54, 83.450, 2.784



54, 83.450, 52.784



54, 83.450, 182.784



54, 83.450, 232.784

Sweetspot

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



54, 83.446, 2.785



81, 34.228, 346.570



40, 123.140, 311.726



40, 23.367, 347.061



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, 83.446, 2.785



55, 84.611, 3.102



52, 102.879, 39.864



49, 6.271, 344.495



41, 67.556, 2.224



10, 31.050, 356.345

Inverse Universe

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



54, 83.446, 2.785



55, 84.611, 3.102



90, 49.431, 196.388



49, 6.271, 344.495



41, 67.556, 2.224



10, 31.050, 356.345

Previews

White Background



This preview shows how the CIELCh color 54, 83.450, 2.784 looks on a white background.

Color Contrast Check

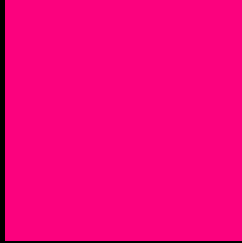
Large Text (above 18pt) WCAG AA ✓ Pass

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, 83.450, 2.784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

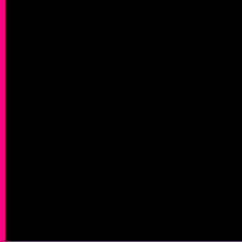
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 83.450, 2.784

Background



This preview shows how black text looks on a background with the CIELCh color 54, 83.450, 2.784.

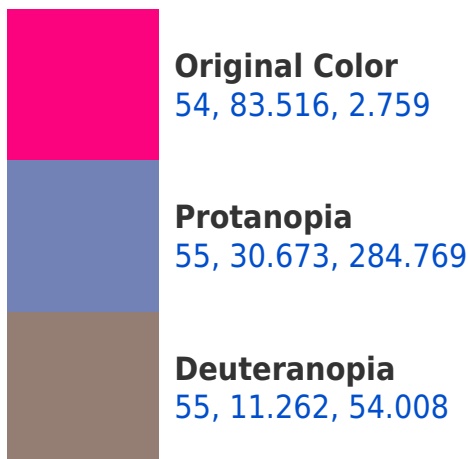


This preview shows how white text looks on a background with the CIELCh color 54, 83.450, 2.784.

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, 86.723, 34.133

Trichromacy



Original Color
54, 83.516, 2.759



Protanomaly
48, 52.957, 327.696



Deuteranomaly
49, 45.903, 359.119



Tritanomaly
54, 83.262, 22.636

Monochromacy



Original Color
54, 83.516, 2.759



Achromatopsia
38, 0.005, 296.813



Achromatomaly
38, 43.276, 350.540

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 83.450, 2.784 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, 2, 126)` looks like.

```
.text, #text, p{  
    color:rgb(251, 2, 126)  
}
```

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, 2, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 2, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 83.450, 2.784 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, 2, 126) }
```

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

```
.border{ border-color:rgb(251, 2, 126) }
```

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

Here you see how a box with a 4 pixel rgb(251, 2, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 2, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 2, 126);  
box-shadow:4px 4px 4px 4px rgb(251, 2,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 83.450, 2.784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 2, 126) }
```

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

```
.background{ background-color: rgb(251, 2,  
126) }
```

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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