

Converting Colors

CIELCh(54, 83.732, 9.000)

Have a look what the booklet for
CIELCh(54, 83.732, 9.000) contains.

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Color

CIELCh(54, 83.615, 8.836)

Conversions

Conversions Part 1

Format	Color
Hex	FC036F
RGB	252, 3, 111
RGB Percent	99%, 1%, 44%
CMY	0.0106, 0.9872, 0.5638
CMYK	0.00, 0.99, 0.56, 0.01
HSL	334°, 98%, 50%
HSV	334°, 99%, 99%
XYZ	43.1716, 21.9746, 17.0718
YIQ	89.7630, 113.7360, 86.3760

Conversions

Conversions Part 2

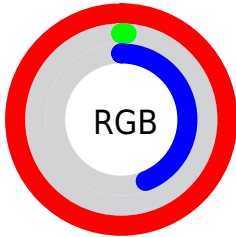
Format	Color
RYB	252, 3, 111
Decimal	16515951
CIELab	54.00, 82.62, 12.84
CIELCh	54, 83.615, 8.836
Yxy	21.9746, 0.5251, 0.2673
Android (android.graphics.Color)	4294706031 (0xFFFC036F)
YUV	89.7630, 10.4698, 142.2818
Hunter-Lab	46.8770, 82.3556, 11.2215

Details

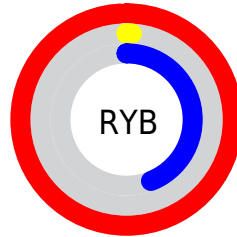
The CIELCh color **54, 83.615, 8.836** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated rose. A complement of this color would be **88, 82.398, 152.557**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 64.781, 357.704**, and **40, 68.566, 17.454** is the 20% darker color. If you saturate the color by 10%, you get **54, 83.867, 9.473**, and if you desaturate by 10%, it is **55, 81.429, 4.156**.

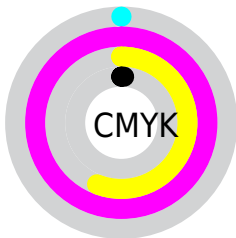
Distribution



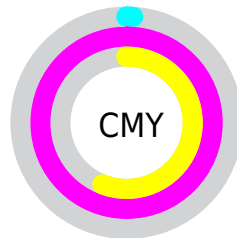
- Red (99%)
- Green (1%)
- Blue (44%)



- Red (99%)
- Yellow (1%)
- Blue (44%)



- Cyan (0%)
- Magenta (99%)
- Yellow (56%)
- Black (1%)



- Cyan (1%)
- Magenta (99%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 83.615, 8.836 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, 83.615, 8.836 by changing the saturation by 10% instead.

 54, 83.615, 8.836

 54, 83.615, 8.836

 100, 83.615, 8.836

 44, 83.615, 8.836

 74, 83.615, 8.836

 34, 83.615, 8.836

 84, 83.615, 8.836

 24, 83.615, 8.836

 94, 83.615, 8.836

 14, 83.615, 8.836

 4, 83.615, 8.836

 0, 83.615, 8.836

 54, 83.615, 8.836

 54, 83.615, 8.836

 54, 83.867, 9.473

 55, 81.429, 4.156

 57, 77.322, 0.367

60, 70.975,
357.387

65, 62.662,
355.035

69, 52.911,
353.146

75, 42.287,
351.590

81, 31.262,
350.277

87, 20.180,
349.139

93, 9.265, 348.118

Harmonies

Complementary

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



54, 83.615, 8.836



88, 82.398, 152.557

Rectangle

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



54, 83.615, 8.836



54, 83.615, 58.836



54, 83.615, 188.836



54, 83.615, 238.836

Sweetspot

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



54, 83.611, 8.838



81, 32.986, 350.438



42, 122.172, 312.971



40, 22.546, 350.978



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, 83.611, 8.838



54, 84.548, 9.504



53, 102.433, 40.114



49, 6.012, 348.196



40, 67.363, 8.493



10, 30.597, 1.606

Inverse Universe

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



54, 83.611, 8.838



54, 84.548, 9.504



87, 46.429, 204.753



49, 6.012, 348.196



40, 67.363, 8.493



10, 30.597, 1.606

Previews

White Background



This preview shows how the CIELCh color 54, 83.615, 8.836 looks on a white background.

Color Contrast Check

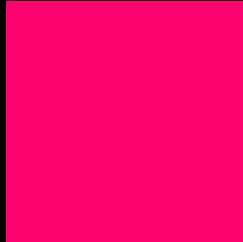
Large Text (above 18pt) WCAG AA ✓ Pass

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, 83.615, 8.836 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, 83.615, 8.836

Background



This preview shows how black text looks on a background with the CIELCh color 54, 83.615, 8.836.



This preview shows how white text looks on a background with the CIELCh color 54, 83.615, 8.836.

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, 83.553, 8.865

Protanopia

55, 19.061, 286.104

Deuteranopia

54, 18.605, 67.246



Tritanopia
54, 90.572, 35.375

Trichromacy



Original Color

54, 83.553, 8.865



Protanomaly

48, 46.855, 338.174



Deuteranomaly

49, 46.419, 10.127



Tritanomaly

54, 86.629, 26.302

Monochromacy



Original Color

54, 83.553, 8.865



Achromatopsia

38, 0.005, 296.813



Achromatomaly

38, 42.546, 354.661

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 83.615, 8.836 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(252, 3, 111)` looks like.

```
.text, #text, p{  
    color:rgb(252, 3, 111)  
}
```

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(252, 3, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 3, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 83.615, 8.836 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(252, 3, 111) }
```

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

```
.border{ border-color:rgb(252, 3, 111) }
```

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

Here you see how a box with a 4 pixel rgb(252, 3, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 3, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 3, 111);  
box-shadow:4px 4px 4px 4px rgb(252, 3,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 83.615, 8.836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 3, 111) }
```

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

```
.background{ background-color: rgb(252, 3,  
111) }
```

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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