

Converting Colors

CIELCh(54, 83.141, 6.301)

Have a look what the booklet for
CIELCh(54, 83.141, 6.301) contains.

CIELCh(54, 83.039, 6.392)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(54, 83.039, 6.392)

Conversions

Conversions Part 1

Format	Color
Hex	FB0775
RGB	251, 7, 117
RGB Percent	98%, 3%, 46%
CMY	0.0150, 0.9735, 0.5407
CMYK	0.00, 0.97, 0.53, 0.02
HSL	333°, 97%, 51%
HSV	333°, 97%, 98%
XYZ	43.1380, 21.9746, 18.8387
YIQ	92.4960, 110.1140, 85.9380

Conversions

Conversions Part 2

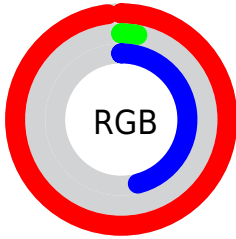
Format	Color
RYB	251, 7, 117
Decimal	16451445
CIELab	54.00, 82.52, 9.24
CIElCh	54, 83.039, 6.392
Yxy	21.9746, 0.5138, 0.2618
Android (android.graphics.Color)	4294641525 (0xFFFB0775)
YUV	92.4960, 12.0805, 139.0080
Hunter-Lab	46.8770, 82.2274, 8.9868

Details

The CIELCh color **54, 83.039, 6.392** 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, 83.116, 151.851**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 65.366, 354.671**, and **40, 67.659, 14.715** is the 20% darker color. If you saturate the color by 10%, you get **54, 83.477, 7.669**, and if you desaturate by 10%, it is **55, 80.902, 1.985**.

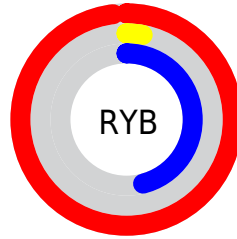
Distribution



Red (98%)

Green (3%)

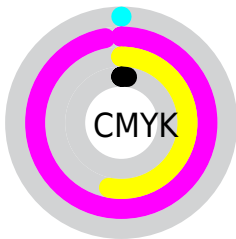
Blue (46%)



Red (98%)

Yellow (3%)

Blue (46%)

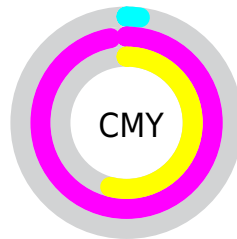


Cyan (0%)

Magenta (97%)

Yellow (53%)

Black (2%)



Cyan (2%)

Magenta (97%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 83.039, 6.392 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, 83.039, 6.392 by changing the saturation by 10% instead.

 54, 83.039, 6.392  54, 83.039, 6.392

 100, 83.039, 6.392  44, 83.039, 6.392

 74, 83.039, 6.392  34, 83.039, 6.392

 84, 83.039, 6.392  24, 83.039, 6.392

 94, 83.039, 6.392  14, 83.039, 6.392

 4, 83.039, 6.392

 0, 83.039, 6.392

 54, 83.039, 6.392  54, 83.039, 6.392

 54, 83.477, 7.669  55, 80.902, 1.985

 58, 76.638,

358.466

■ 61, 70.091,
355.699

■ 65, 61.598,
353.506

■ 70, 51.713,
351.733

■ 75, 40.995,
350.261

■ 81, 29.907,
349.008

■ 88, 18.780,
347.914

■ 94, 7.826, 346.919

Harmonies

Complementary

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



54, 83.039, 6.392



88, 83.116, 151.851

Rectangle

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



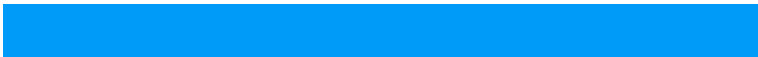
54, 83.039, 6.392



54, 83.039, 56.392



54, 83.039, 186.392



54, 83.039, 236.392

Sweetspot

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



54, 83.035, 6.394



81, 32.187, 349.210



42, 121.629, 312.660



41, 22.126, 349.735



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, 83.035, 6.394



55, 84.441, 7.712



53, 101.594, 39.708



49, 6.082, 347.134



40, 67.321, 6.735



10, 30.693, 0.116

Inverse Universe

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



54, 83.035, 6.394



55, 84.441, 7.712



88, 47.201, 201.754



49, 6.082, 347.134



40, 67.321, 6.735



10, 30.693, 0.116

Previews

White Background



This preview shows how the CIELCh color 54, 83.039, 6.392 looks on a white background.

Color Contrast Check

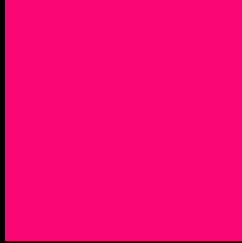
Large Text (above 18pt) WCAG AA ✓ Pass

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, 83.039, 6.392 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, 83.039, 6.392

Background



This preview shows how black text looks on a background with the CIELCh color 54, 83.039, 6.392.



This preview shows how white text looks on a background with the CIELCh color 54, 83.039, 6.392.

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, 82.976, 6.419

Protanopia

55, 23.733, 284.789

Deuteranopia

54, 15.360, 62.041



Tritanopia
54, 88.617, 34.886

Trichromacy



Original Color
54, 82.976, 6.419



Protanomaly
48, 47.675, 333.546



Deuteranomaly
49, 45.394, 5.743

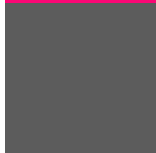


Tritanomaly
54, 84.754, 24.951

Monochromacy



Original Color
54, 82.976, 6.419



Achromatopsia
39, 0.006, 296.813



Achromatomaly
39, 41.893, 353.648

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 83.039, 6.392 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, 7, 117)` looks like.

```
.text, #text, p{  
    color:rgb(251, 7, 117)  
}
```

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, 7, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 7, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 83.039, 6.392 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, 7, 117) }
```

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

```
.border{ border-color:rgb(251, 7, 117) }
```

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

Here you see how a box with a 4 pixel rgb(251, 7, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 7, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 7, 117);  
box-shadow:4px 4px 4px 4px rgb(251, 7,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 83.039, 6.392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 7, 117) }
```

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

```
.background{ background-color: rgb(251, 7,  
117) }
```

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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