

Converting Colors

CIELCh(54, 83.145, 7.222)

Have a look what the booklet for
CIELCh(54, 83.145, 7.222) contains.

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Color

CIELCh(54, 83.041, 7.182)

Conversions

Conversions Part 1

Format	Color
Hex	FB0773
RGB	251, 7, 115
RGB Percent	98%, 3%, 45%
CMY	0.0144, 0.9709, 0.5480
CMYK	0.00, 0.97, 0.54, 0.01
HSL	333°, 97%, 51%
HSV	333°, 97%, 99%
XYZ	43.0931, 21.9746, 18.2679
YIQ	92.2680, 110.7560, 85.3160

Conversions

Conversions Part 2

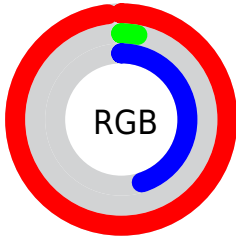
Format	Color
RYB	251, 7, 115
Decimal	16451443
CIELab	54.00, 82.39, 10.38
CIElCh	54, 83.041, 7.182
Yxy	21.9746, 0.5171, 0.2637
Android (android.graphics.Color)	4294641523 (0xFFFB0773)
YUV	92.2680, 11.2069, 139.2080
Hunter-Lab	46.8770, 82.0565, 9.7087

Details

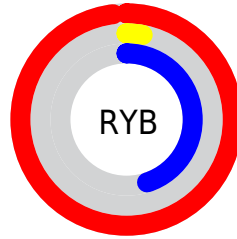
The CIELCh color **54, 83.041, 7.182** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated rose. A complement of this color would be **88, 82.175, 152.445**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 65.053, 355.578**, and **40, 67.763, 15.227** is the 20% darker color. If you saturate the color by 10%, you get **54, 83.560, 8.607**, and if you desaturate by 10%, it is **55, 80.747, 2.707**.

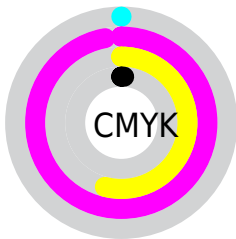
Distribution



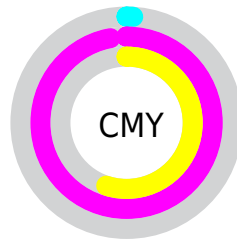
- Red (98%)
- Green (3%)
- Blue (45%)



- Red (98%)
- Yellow (3%)
- Blue (45%)



- Cyan (0%)
- Magenta (97%)
- Yellow (54%)
- Black (1%)




- Cyan (1%)
- Magenta (97%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 83.041, 7.182 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, 83.041, 7.182 by changing the saturation by 10% instead.

 54, 83.041, 7.182  54, 83.041, 7.182

 100, 83.041, 7.182  44, 83.041, 7.182

 74, 83.041, 7.182  34, 83.041, 7.182

 84, 83.041, 7.182  24, 83.041, 7.182

 94, 83.041, 7.182  14, 83.041, 7.182

 4, 83.041, 7.182

 0, 83.041, 7.182

 54, 83.041, 7.182  54, 83.041, 7.182

 54, 83.560, 8.607  55, 80.747, 2.707

 58, 76.349,

359.133

61, 69.705,
356.324

65, 61.153,
354.100

70, 51.243,
352.304

76, 40.533,
350.815

82, 29.477,
349.550

88, 18.398,
348.447

94, 7.505, 347.444

Harmonies

Complementary

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



54, 83.041, 7.182



88, 82.175, 152.445

Rectangle

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



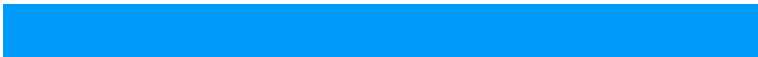
54, 83.041, 7.182



54, 83.041, 57.182



54, 83.041, 187.182



54, 83.041, 237.182

Sweetspot

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



54, 83.037, 7.184



81, 32.018, 349.785



43, 121.167, 313.095



41, 22.013, 350.317



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, 83.037, 7.184



54, 84.485, 8.649



53, 101.237, 39.839



49, 6.045, 347.686



40, 67.334, 7.654



10, 30.640, 0.893

Inverse Universe

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



54, 83.037, 7.184



54, 84.485, 8.649



86, 46.254, 204.621



49, 6.045, 347.686



40, 67.334, 7.654



10, 30.640, 0.893

Previews

White Background



This preview shows how the CIELCh color 54, 83.041, 7.182 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, 83.041, 7.182 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, 83.041, 7.182

Background



This preview shows how black text looks on a background with the CIELCh color 54, 83.041, 7.182.



This preview shows how white text looks on a background with the CIELCh color 54, 83.041, 7.182.

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, 82.979, 7.211

Protanopia

55, 22.000, 284.726

Deuteranopia

54, 16.210, 64.744



Tritanopia
54, 89.030, 35.029

Trichromacy



Original Color
54, 82.979, 7.211



Protanomaly
48, 46.715, 335.441



Deuteranomaly
49, 45.304, 7.192



Tritanomaly
54, 84.959, 25.310

Monochromacy



Original Color
54, 82.979, 7.211



Achromatopsia
39, 0.006, 296.813



Achromatomaly
40, 41.686, 354.348

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 83.041, 7.182 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, 115)` looks like.

```
.text, #text, p{  
    color:rgb(251, 7, 115)  
}
```

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, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 7, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 83.041, 7.182 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, 115) }
```

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

```
.border{ border-color:rgb(251, 7, 115) }
```

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, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 7, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 7, 115);  
box-shadow:4px 4px 4px 4px rgb(251, 7,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 83.041, 7.182 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, 115) }
```

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

```
.background{ background-color: rgb(251, 7,  
115) }
```

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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