

Converting Colors

CIELCh(54, 84.675, 10.706)

Have a look what the booklet for
CIELCh(54, 84.675, 10.706) contains.

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Color

CIELCh(54, 84.423, 10.707)

Conversions

Conversions Part 1

Format	Color
Hex	FD006B
RGB	253, 0, 107
RGB Percent	99%, 0%, 42%
CMY	0.0061, 1.0000, 0.5820
CMYK	0.00, 1.00, 0.58, 0.01
HSL	335°, 100%, 50%
HSV	335°, 100%, 99%
XYZ	43.2831, 21.9746, 15.7580
YIQ	87.8450, 116.4410, 86.9130

Conversions

Conversions Part 2

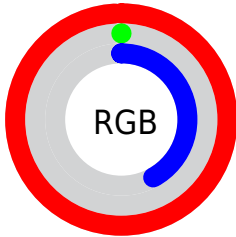
Format	Color
R_{YB}	253, 0, 107
Decimal	16580715
CIE _{Lab}	54.00, 82.95, 15.68
CIE _{LCh}	54, 84.423, 10.707
Yxy	21.9746, 0.5343, 0.2712
Android (android.graphics.Color)	4294770795 (0xFFFD006B)
YUV	87.8450, 9.4434, 144.8409
Hunter-Lab	46.8770, 82.7801, 12.8833

Details

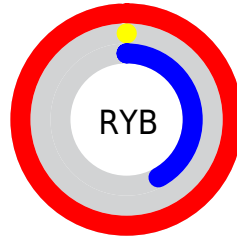
The CIELCh color **54, 84.423, 10.707** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated rose. A complement of this color would be **88, 82.069, 153.024**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 64.723, 359.387**, and **40, 69.484, 19.618** is the 20% darker color. If you saturate the color by 10%, you get **54, 84.294, 10.770**, and if you desaturate by 10%, it is **55, 82.038, 5.896**.

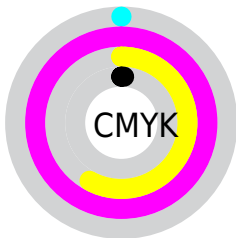
Distribution



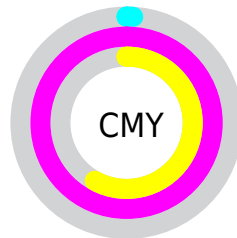
- Red (99%)
- Green (0%)
- Blue (42%)



- Red (99%)
- Yellow (0%)
- Blue (42%)



- Cyan (0%)
- Magenta (100%)
- Yellow (58%)
- Black (1%)



- Cyan (1%)
- Magenta (100%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 84.423, 10.707 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, 84.423, 10.707 by changing the saturation by 10% instead.

 54, 84.423, 10.707

 54, 84.423, 10.707

 100, 84.423,
10.707

 44, 84.423, 10.707

 74, 84.423, 10.707

 34, 84.423, 10.707

 84, 84.423, 10.707

 24, 84.423, 10.707

 94, 84.423, 10.707

 14, 84.423, 10.707

 4, 84.423, 10.707

 0, 84.423, 10.707

 54, 84.423, 10.707

 54, 84.423, 10.707

 54, 84.294, 10.770

 55, 82.038, 5.896

 57, 78.078, 1.882

60, 71.918,
358.719

64, 63.771,
356.230

69, 54.138,
354.240

74, 43.586,
352.612

80, 32.597,
351.246

86, 21.530,
350.070

93, 10.621,
349.025

Harmonies

Complementary

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



54, 84.423, 10.707



88, 82.069, 153.024

Rectangle

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



54, 84.423, 10.707



54, 84.423, 60.707



54, 84.423, 190.707



54, 84.423, 240.707

Sweetspot

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



54, 84.294, 10.770



81, 32.758, 351.247



43, 122.665, 313.303



40, 22.397, 351.797



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, 84.294, 10.770



54, 84.686, 10.789



53, 103.236, 40.511



50, 6.064, 348.975



41, 68.121, 9.807



10, 31.354, 3.049

Inverse Universe

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



54, 84.294, 10.770



54, 84.686, 10.789



86, 45.744, 207.968



50, 6.064, 348.975



41, 68.121, 9.807



10, 31.354, 3.049

Previews

White Background



This preview shows how the CIELCh color 54, 84.423, 10.707 looks on a white background.

Color Contrast Check

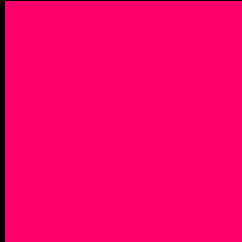
Large Text (above 18pt) WCAG AA ✓ Pass

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, 84.423, 10.707 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, 84.423, 10.707

Background



This preview shows how black text looks on a background with the CIELCh color 54, 84.423, 10.707.

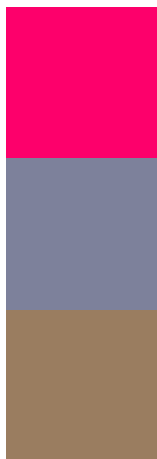


This preview shows how white text looks on a background with the CIELCh color 54, 84.423, 10.707.

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, 84.150, 10.531

Protanopia

54, 15.012, 286.457

Deuteranopia

54, 21.216, 70.834



Tritanopia
54, 91.595, 35.797

Trichromacy



Original Color
54, 84.150, 10.531



Protanomaly
48, 45.586, 342.820



Deuteranomaly
49, 47.315, 13.437



Tritanomaly
54, 87.844, 27.258

Monochromacy



Original Color
54, 84.150, 10.531



Achromatopsia
37, 0.005, 296.813



Achromatomaly
38, 42.707, 355.975

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 84.423, 10.707 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(253, 0, 107)` looks like.

```
.text, #text, p{  
    color:rgb(253, 0, 107)  
}
```

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(253, 0, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 0, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 84.423, 10.707 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(253, 0, 107) }
```

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

```
.border{ border-color:rgb(253, 0, 107) }
```

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

Here you see how a box with a 4 pixel rgb(253, 0, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 0, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 0, 107);  
box-shadow:4px 4px 4px 4px rgb(253, 0,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 84.423, 10.707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 0, 107) }
```

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

```
.background{ background-color: rgb(253, 0,  
107) }
```

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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