

Converting Colors

CIELCh(54, 83.763, 4.318)

Have a look what the booklet for
CIELCh(54, 83.763, 4.318) contains.

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Color

CIELCh(54, 83.738, 4.466)

Conversions

Conversions Part 1

Format	Color
Hex	FC007A
RGB	252, 0, 122
RGB Percent	99%, 0%, 48%
CMY	0.0135, 1.0000, 0.5229
CMYK	0.00, 1.00, 0.52, 0.01
HSL	331°, 100%, 49%
HSV	331°, 100%, 99%
XYZ	43.4624, 21.9746, 20.2543
YIQ	89.2560, 111.0300, 91.3660

Conversions

Conversions Part 2

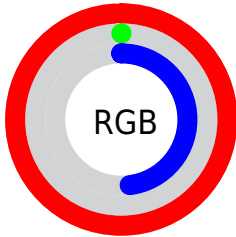
Format	Color
R_{YB}	252, 0, 122
Decimal	16515194
CIE _{Lab}	54.00, 83.48, 6.52
CIE _{LCh}	54, 83.738, 4.466
Yxy	21.9746, 0.5072, 0.2564
Android (android.graphics.Color)	4294705274 (0xFFFC007A)
YUV	89.2560, 16.1428, 142.7265
Hunter-Lab	46.8770, 83.4629, 7.1963

Details

The CIELCh color **54, 83.738, 4.466** 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 **87, 87.488, 149.506**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 66.671, 352.305**, and **40, 67.532, 12.360** is the 20% darker color. If you saturate the color by 10%, you get **54, 83.627, 4.511**, and if you desaturate by 10%, it is **55, 82.201, 0.245**.

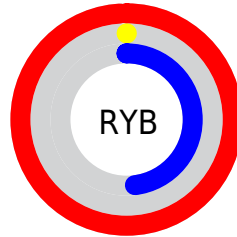
Distribution



Red (99%)

Green (0%)

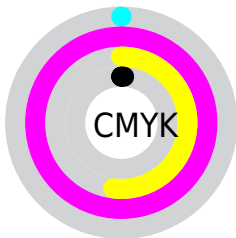
Blue (48%)



Red (99%)

Yellow (0%)

Blue (48%)

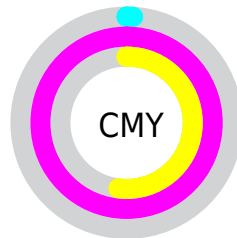


Cyan (0%)

Magenta (100%)

Yellow (52%)

Black (1%)



Cyan (1%)

Magenta (100%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 83.738, 4.466 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, 83.738, 4.466 by changing the saturation by 10% instead.

 54, 83.738, 4.466

 54, 83.738, 4.466

 100, 83.738, 4.466

 44, 83.738, 4.466

 74, 83.738, 4.466

 34, 83.738, 4.466

 84, 83.738, 4.466

 24, 83.738, 4.466

 94, 83.738, 4.466

 14, 83.738, 4.466

 4, 83.738, 4.466

 0, 83.738, 4.466

 54, 83.738, 4.466

 54, 83.738, 4.466

 54, 83.627, 4.511

 55, 82.201, 0.245

 57, 78.803,

356.773

60, 72.982,
354.040

64, 64.999,
351.873

69, 55.389,
350.119

74, 44.740,
348.663

80, 33.560,
347.420

86, 22.226,
346.335

92, 10.990,
345.357

Harmonies

Complementary

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



54, 83.738, 4.466



87, 87.488, 149.506

Rectangle

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



54, 83.738, 4.466



54, 83.738, 54.466



54, 83.738, 184.466



54, 83.738, 234.466

Sweetspot

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



54, 83.627, 4.511



81, 33.931, 347.423



40, 123.763, 311.682



40, 23.170, 347.925



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, 83.627, 4.511



55, 84.488, 4.547



53, 103.507, 40.000



49, 6.210, 345.309



40, 67.429, 3.636



10, 30.920, 357.518

Inverse Universe

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



54, 83.627, 4.511



55, 84.488, 4.547



90, 49.603, 196.386



49, 6.210, 345.309



40, 67.429, 3.636



10, 30.920, 357.518

Previews

White Background



This preview shows how the CIELCh color 54, 83.738, 4.466 looks on a white background.

Color Contrast Check

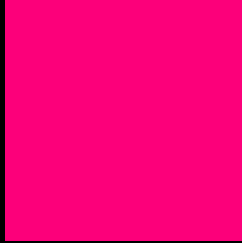
Large Text (above 18pt) WCAG AA ✓ Pass

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, 83.738, 4.466 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, 83.738, 4.466

Background



This preview shows how black text looks on a background with the CIELCh color 54, 83.738, 4.466.



This preview shows how white text looks on a background with the CIELCh color 54, 83.738, 4.466.

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, 83.738, 4.466

Protanopia

55, 27.190, 285.016

Deuteranopia

55, 13.451, 59.584



Tritanopia
54, 87.935, 34.463

Trichromacy



Original Color
54, 83.738, 4.466



Protanomaly
48, 51.302, 330.816



Deuteranomaly
49, 46.613, 2.165

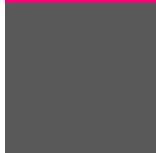


Tritanomaly
54, 84.283, 23.774

Monochromacy



Original Color
54, 83.738, 4.466



Achromatopsia
38, 0.005, 296.813



Achromatomaly
38, 43.345, 351.745

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 83.738, 4.466 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, 0, 122)` looks like.

```
.text, #text, p{  
    color:rgb(252, 0, 122)  
}
```

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, 0, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 0, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 83.738, 4.466 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, 0, 122) }
```

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

```
.border{ border-color:rgb(252, 0, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 0, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 0, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 0, 122);  
box-shadow:4px 4px 4px 4px rgb(252, 0,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 83.738, 4.466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 0, 122) }
```

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

```
.background{ background-color: rgb(252, 0,  
122) }
```

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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