

Converting Colors

CIELCh(54, 83.814, 5.168)

Have a look what the booklet for
CIELCh(54, 83.814, 5.168) contains.

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Color

CIELCh(54, 83.697, 5.246)

Conversions

Conversions Part 1

Format	Color
Hex	FC0078
RGB	252, 0, 120
RGB Percent	99%, 0%, 47%
CMY	0.0128, 1.0000, 0.5302
CMYK	0.00, 1.00, 0.52, 0.01
HSL	331°, 100%, 49%
HSV	331°, 100%, 99%
XYZ	43.4160, 21.9746, 19.6577
YIQ	89.0280, 111.6720, 90.7440

Conversions

Conversions Part 2

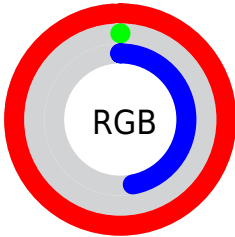
Format	Color
R_{YB}	252, 0, 120
Decimal	16515192
CIE _{Lab}	54.00, 83.35, 7.65
CIE _{LCh}	54, 83.697, 5.246
Yxy	21.9746, 0.5105, 0.2584
Android (android.graphics.Color)	4294705272 (0xFFFC0078)
YUV	89.0280, 15.2692, 142.9264
Hunter-Lab	46.8770, 83.2860, 7.9509

Details

The CIELCh color **54, 83.697, 5.246** 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, 86.814, 149.911**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 66.310, 353.177**, and **40, 67.688, 13.390** is the 20% darker color. If you saturate the color by 10%, you get **54, 83.629, 5.274**, and if you desaturate by 10%, it is **55, 82.115, 0.927**.

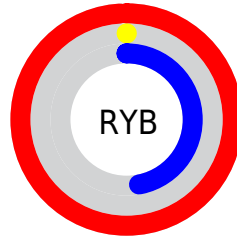
Distribution



Red (99%)

Green (0%)

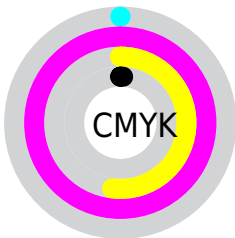
Blue (47%)



Red (99%)

Yellow (0%)

Blue (47%)

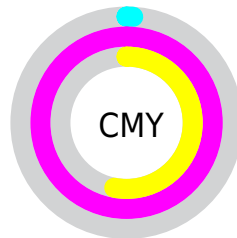


Cyan (0%)

Magenta (100%)

Yellow (52%)

Black (1%)



Cyan (1%)

Magenta (100%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 83.697, 5.246 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, 83.697, 5.246 by changing the saturation by 10% instead.

 54, 83.697, 5.246

 54, 83.697, 5.246

 100, 83.697, 5.246

 44, 83.697, 5.246

 74, 83.697, 5.246

 34, 83.697, 5.246

 84, 83.697, 5.246

 24, 83.697, 5.246

 94, 83.697, 5.246

 14, 83.697, 5.246

 4, 83.697, 5.246

 0, 83.697, 5.246

 54, 83.697, 5.246

 54, 83.697, 5.246

 54, 83.629, 5.274

 55, 82.115, 0.927

 57, 78.660,

357.387

60, 72.808,
354.600

64, 64.813,
352.393

69, 55.208,
350.610

74, 44.578,
349.132

80, 33.427,
347.874

86, 22.131,
346.778

92, 10.941,
345.792

Harmonies

Complementary

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



54, 83.697, 5.246



88, 86.814, 149.911

Rectangle

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



54, 83.697, 5.246



54, 83.697, 55.246



54, 83.697, 185.246



54, 83.697, 235.246

Sweetspot

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



54, 83.629, 5.274



81, 33.778, 347.877



41, 123.374, 312.067



40, 23.069, 348.385



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, 83.629, 5.274



55, 84.449, 5.309



53, 103.358, 40.119



49, 6.178, 345.743



40, 67.382, 4.381



10, 30.859, 358.140

Inverse Universe

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



54, 83.629, 5.274



55, 84.449, 5.309



89, 48.451, 199.064



49, 6.178, 345.743



40, 67.382, 4.381



10, 30.859, 358.140

Previews

White Background



This preview shows how the CIELCh color 54, 83.697, 5.246 looks on a white background.

Color Contrast Check

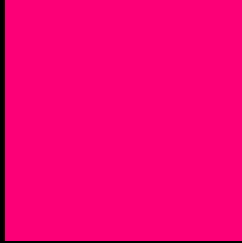
Large Text (above 18pt) WCAG AA ✓ Pass

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, 83.697, 5.246 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, 83.697, 5.246

Background



This preview shows how black text looks on a background with the CIELCh color 54, 83.697, 5.246.



This preview shows how white text looks on a background with the CIELCh color 54, 83.697, 5.246.

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, 83.697, 5.246

Protanopia

55, 25.463, 284.888

Deuteranopia

55, 14.591, 61.685



Tritanopia
55, 88.567, 34.776

Trichromacy



Original Color
54, 83.697, 5.246



Protanomaly
48, 50.649, 332.056



Deuteranomaly
49, 46.795, 3.839



Tritanomaly
54, 85.017, 24.607

Monochromacy



Original Color
54, 83.697, 5.246



Achromatopsia
38, 0.005, 296.813



Achromatomaly
38, 43.136, 352.480

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 83.697, 5.246 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, 120)` looks like.

```
.text, #text, p{  
    color:rgb(252, 0, 120)  
}
```

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, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 0, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 83.697, 5.246 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, 120) }
```

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

```
.border{ border-color:rgb(252, 0, 120) }
```

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, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 0, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 0, 120);  
box-shadow:4px 4px 4px 4px rgb(252, 0,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 83.697, 5.246 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, 120) }
```

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

```
.background{ background-color: rgb(252, 0,  
120) }
```

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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