

Converting Colors

CIELCh(54, 83.732, 0.350)

Have a look what the booklet for
CIELCh(54, 83.732, 0.350) contains.

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Color

CIELCh(54, 83.788, 0.192)

Conversions

Conversions Part 1

Format	Color
Hex	FA0084
RGB	250, 0, 132
RGB Percent	98%, 0%, 52%
CMY	0.0198, 1.0000, 0.4825
CMYK	0.00, 1.00, 0.47, 0.02
HSL	328°, 100%, 49%
HSV	328°, 100%, 98%
XYZ	43.5653, 21.9746, 23.7600
YIQ	89.7980, 106.6280, 94.0520

Conversions

Conversions Part 2

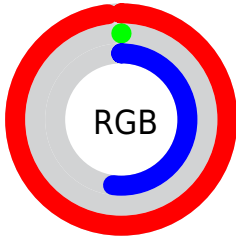
Format	Color
R_{YB}	250, 0, 132
Decimal	16384132
CIE _{Lab}	54.00, 83.79, 0.28
CIE _{LCh}	54, 83.788, 0.192
Yxy	21.9746, 0.4879, 0.2461
Android (android.graphics.Color)	4294574212 (0xFFFA0084)
YUV	89.7980, 20.8056, 140.4972
Hunter-Lab	46.8770, 83.8548, 2.7624

Details

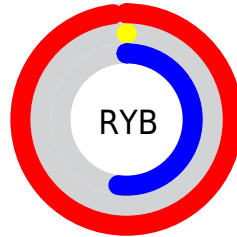
The CIELCh color **54, 83.788, 0.192** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark saturated rose. A complement of this color would be **87, 91.103, 147.323**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **65, 68.960, 347.730**, and **40, 66.877, 7.452** is the 20% darker color. If you saturate the color by 10%, you get **54, 83.774, 0.197**, and if you desaturate by 10%, it is **55, 82.775, 356.415**.

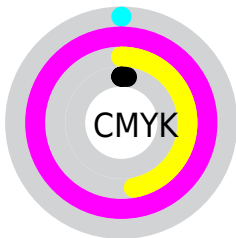
Distribution



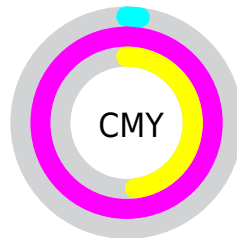
- Red (98%)
- Green (0%)
- Blue (52%)



- Red (98%)
- Yellow (0%)
- Blue (52%)



- Cyan (0%)
- Magenta (100%)
- Yellow (47%)
- Black (2%)



- Cyan (2%)
- Magenta (100%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 83.788, 0.192 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, 83.788, 0.192 by changing the saturation by 10% instead.

 54, 83.788, 0.192  54, 83.788, 0.192

 100, 83.788, 0.192  44, 83.788, 0.192

 74, 83.788, 0.192  34, 83.788, 0.192

 84, 83.788, 0.192  24, 83.788, 0.192

 94, 83.788, 0.192  14, 83.788, 0.192

 4, 83.788, 0.192

 0, 83.788, 0.192

 54, 83.788, 0.192  54, 83.788, 0.192

 54, 83.774, 0.197  55, 82.775,
356.415

■ 57, 79.646,
353.346

■ 60, 73.970,
350.922

■ 64, 66.032,
348.983

■ 69, 56.385,
347.395

■ 74, 45.631,
346.059

■ 80, 34.287,
344.906

■ 86, 22.743,
343.886

■ 92, 11.262,
342.958

Harmonies

Complementary

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



54, 83.788, 0.192



87, 91.103, 147.323

Rectangle

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



54, 83.788, 0.192



54, 83.788, 50.192



54, 83.788, 180.192



54, 83.788, 230.192

Sweetspot

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



54, 83.774, 0.197



81, 34.848, 344.909



39, 124.051, 310.957



41, 23.780, 345.377



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, 83.774, 0.197



55, 85.045, 0.244



52, 101.704, 39.071



49, 6.397, 342.912



41, 67.952, 359.435



10, 31.353, 354.043

Inverse Universe

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



54, 83.774, 0.197



55, 85.045, 0.244



89, 50.711, 191.308



49, 6.397, 342.912



41, 67.952, 359.435



10, 31.353, 354.043

Previews

White Background



This preview shows how the CIELCh color 54, 83.788, 0.192 looks on a white background.

Color Contrast Check

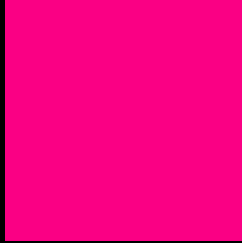
Large Text (above 18pt) WCAG AA ✓ Pass

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, 83.788, 0.192 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, 83.788, 0.192

Background



This preview shows how black text looks on a background with the CIELCh color 54, 83.788, 0.192.



This preview shows how white text looks on a background with the CIELCh color 54, 83.788, 0.192.

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, 83.788, 0.192

Protanopia

55, 35.294, 284.766

Deuteranopia

54, 8.771, 39.172



Tritanopia
54, 85.233, 33.498

Trichromacy



Original Color
54, 83.788, 0.192



Protanomaly
48, 56.319, 324.277



Deuteranomaly
49, 47.012, 354.431



Tritanomaly
53, 82.110, 21.083

Monochromacy



Original Color
54, 83.788, 0.192



Achromatopsia
38, 0.005, 296.813



Achromatomaly
38, 44.261, 348.894

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 83.788, 0.192 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(250, 0, 132)` looks like.

```
.text, #text, p{  
    color:rgb(250, 0, 132)  
}
```

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(250, 0, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 0, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 83.788, 0.192 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(250, 0, 132) }
```

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

```
.border{ border-color:rgb(250, 0, 132) }
```

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

Here you see how a box with a 4 pixel rgb(250, 0, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 0, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 0, 132);  
box-shadow:4px 4px 4px 4px rgb(250, 0,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 83.788, 0.192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 0, 132) }
```

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

```
.background{ background-color: rgb(250, 0,  
132) }
```

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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