

Converting Colors

CIELCh(54, 91.283, 341.926)

Have a look what the booklet for
CIELCh(54, 91.283, 341.926)
contains.

CIELCh(54, 90.991, 341.857)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(54, 90.991, 341.857)

Conversions

Conversions Part 1

Format	Color
Hex	F100B4
RGB	241, 0, 180
RGB Percent	95%, 0%, 71%
CMY	0.0552, 1.0000, 0.2944
CMYK	0.00, 1.00, 0.25, 0.06
HSL	315°, 100%, 47%
HSV	315°, 100%, 94%
XYZ	44.4801, 21.9746, 45.0436
YIQ	92.5790, 85.8560, 107.0720

Conversions

Conversions Part 2

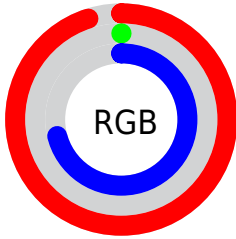
Format	Color
R_YB	241, 0, 180
Decimal	15794356
CIE _{Lab}	54.00, 86.47, -28.33
CIE _{LCh}	54, 90.991, 341.857
Yxy	21.9746, 0.3989, 0.1971
Android (android.graphics.Color)	4293984436 (0xFFFF100B4)
YUV	92.5790, 43.0986, 130.1652
Hunter-Lab	46.8770, 87.3381, -24.1571

Details

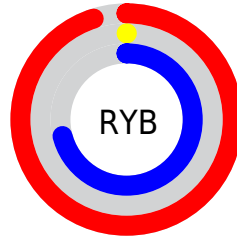
The CIELCh color **54, 90.991, 341.857** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle saturated rose. A complement of this color would be **84, 105.549, 139.502**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 84.606, 331.620**, and **40, 71.350, 344.437** is the 20% darker color. If you saturate the color by 10%, you get **54, 90.968, 341.859**, and if you desaturate by 10%, it is **55, 90.380, 340.350**.

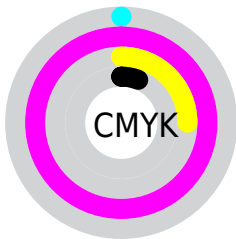
Distribution



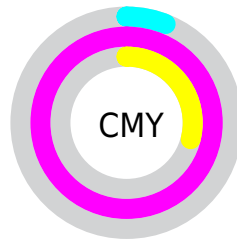
- Red (95%)
- Green (0%)
- Blue (71%)



- Red (95%)
- Yellow (0%)
- Blue (71%)



- Cyan (0%)
- Magenta (100%)
- Yellow (25%)
- Black (6%)




- Cyan (6%)
- Magenta (100%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 90.991, 341.857 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, 90.991, 341.857 by changing the saturation by 10% instead.


 54, 90.991,
341.857

 54, 90.991,
341.857


 100, 90.991,
341.857


 44, 90.991,
341.857


 74, 90.991,
341.857

 34, 90.991,
341.857

 84, 90.991,
341.857

 24, 90.991,
341.857

 94, 90.991,
341.857

 14, 90.991,
341.857

 4, 90.991, 341.857

 0, 90.991, 341.857

■ 54, 90.991,
341.857

■ 54, 90.991,
341.857

■ 54, 90.968,
341.859

■ 55, 90.380,
340.350

■ 57, 87.303,
339.063

■ 59, 81.400,
337.961

■ 63, 72.991,
336.990

■ 67, 62.637,
336.109

■ 72, 50.951,
335.292

■ 77, 38.477,
334.522

■ 83, 25.644,

333.791

■ 89, 12.754,
333.086

Harmonies

Complementary

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



54, 90.991, 341.857



84, 105.549, 139.502

Rectangle

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



54, 90.991, 341.857



54, 90.991, 31.857



54, 90.991, 161.857



54, 90.991, 211.857

Sweetspot

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



54, 90.968, 341.859



81, 40.288, 334.529



33, 125.626, 307.605



41, 27.434, 334.850



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, 90.968, 341.859



57, 94.912, 341.913



51, 86.934, 26.511



47, 7.214, 333.049



41, 74.422, 341.564



9, 33.313, 339.266

Inverse Universe

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



54, 90.968, 341.859



57, 94.912, 341.913



85, 63.836, 165.705



47, 7.214, 333.049



41, 74.422, 341.564



9, 33.313, 339.266

Previews

White Background



This preview shows how the CIELCh color 54, 90.991, 341.857 looks on a white background.

Color Contrast Check

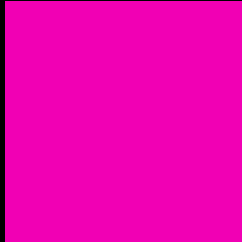
Large Text (above 18pt) WCAG AA ✓ Pass

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, 90.991, 341.857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

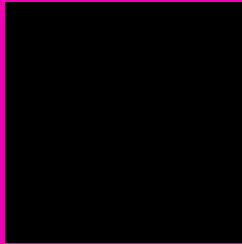
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 90.991, 341.857

Background



This preview shows how black text looks on a background with the CIELCh color 54, 90.991, 341.857.



This preview shows how white text looks on a background with the CIELCh color 54, 90.991, 341.857.

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, 90.991, 341.857

Protanopia

55, 74.050, 287.854

Deuteranopia

55, 23.056, 288.648



Tritanopia
54, 71.137, 29.241

Trichromacy



Original Color
54, 90.991, 341.857



Protanomaly
46, 86.355, 306.439



Deuteranomaly
48, 58.786, 325.127



Tritanomaly
53, 73.892, 7.535

Monochromacy



Original Color
54, 90.991, 341.857



Achromatopsia
39, 0.006, 296.813



Achromatomaly
39, 49.184, 336.649

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 90.991, 341.857 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(241, 0, 180)` looks like.

```
.text, #text, p{  
    color:rgb(241, 0, 180)  
}
```

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(241, 0, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 0, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 90.991, 341.857 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(241, 0, 180) }
```

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

```
.border{ border-color:rgb(241, 0, 180) }
```

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

Here you see how a box with a 4 pixel rgb(241, 0, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 0, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 0, 180);  
box-shadow:4px 4px 4px 4px rgb(241, 0,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 90.991, 341.857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 0, 180) }
```

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

```
.background{ background-color: rgb(241, 0,  
180) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor