

Converting Colors

CIELCh(54, 89.647, 342.952)

Have a look what the booklet for
CIELCh(54, 89.647, 342.952)
contains.

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Color

CIELCh(54, 89.499, 343.081)

Conversions

Conversions Part 1

Format	Color
Hex	F106B0
RGB	241, 6, 176
RGB Percent	95%, 2%, 69%
CMY	0.0548, 0.9758, 0.3097
CMYK	0.00, 0.97, 0.27, 0.05
HSL	317°, 95%, 48%
HSV	317°, 97%, 95%
XYZ	44.1913, 21.9746, 43.0008
YIQ	95.6450, 85.4900, 102.6900

Conversions

Conversions Part 2

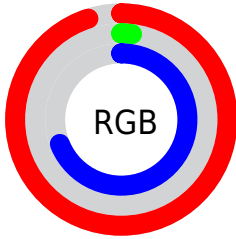
Format	Color
R_YB	241, 6, 176
Decimal	15795888
CIE Lab	54.00, 85.63, -26.05
CIE LCh	54, 89.499, 343.081
Yxy	21.9746, 0.4048, 0.2013
Android (android.graphics.Color)	4293985968 (0xFFFF106B0)
YUV	95.6450, 39.6150, 127.4763
Hunter-Lab	46.8770, 86.2385, -21.5734

Details

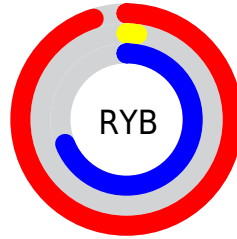
The CIELCh color **54, 89.499, 343.081** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle saturated rose. A complement of this color would be **84, 102.650, 140.578**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 82.702, 332.612**, and **40, 70.362, 346.087** is the 20% darker color. If you saturate the color by 10%, you get **54, 89.529, 343.536**, and if you desaturate by 10%, it is **55, 88.504, 341.426**.

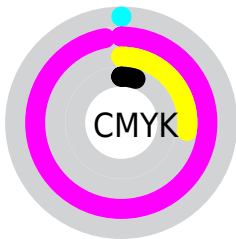
Distribution



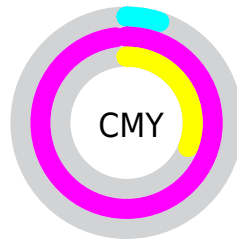
- Red (95%)
- Green (2%)
- Blue (69%)



- Red (95%)
- Yellow (2%)
- Blue (69%)



- Cyan (0%)
- Magenta (97%)
- Yellow (27%)
- Black (5%)





- Cyan (5%)
- Magenta (98%)
- Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 89.499, 343.081 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, 89.499, 343.081 by changing the saturation by 10% instead.


 54, 89.499,
343.081


 54, 89.499,
343.081


 100, 89.499,
343.081


 44, 89.499,
343.081


 74, 89.499,
343.081

 34, 89.499,
343.081

 84, 89.499,
343.081

 24, 89.499,
343.081

 94, 89.499,
343.081

 14, 89.499,
343.081

 4, 89.499, 343.081

 0, 89.499, 343.081

■ 54, 89.499,
343.081

■ 54, 89.499,
343.081

■ 54, 89.529,
343.536

■ 55, 88.504,
341.426

■ 57, 84.777,
340.045

■ 60, 78.289,
338.874

■ 64, 69.446,
337.850

■ 68, 58.838,
336.929

■ 73, 47.069,
336.082

■ 79, 34.651,
335.291

■ 85, 21.976,

334.544

 91, 9.313, 333.821

Harmonies

Complementary

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



54, 89.499, 343.081



84, 102.650, 140.578

Rectangle

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



54, 89.499, 343.081



54, 89.499, 33.081



54, 89.499, 163.081



54, 89.499, 213.081

Sweetspot

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



54, 89.495, 343.081



82, 38.327, 335.418



33, 124.060, 307.812



41, 26.260, 335.754



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, 89.495, 343.081



57, 93.378, 343.596



51, 86.474, 26.502



47, 7.093, 333.969



41, 73.232, 343.198



9, 32.829, 340.576

Inverse Universe

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



54, 89.495, 343.081



57, 93.378, 343.596



85, 61.856, 167.748



47, 7.093, 333.969



41, 73.232, 343.198



9, 32.829, 340.576

Previews

White Background



This preview shows how the CIELCh color 54, 89.499, 343.081 looks on a white background.

Color Contrast Check

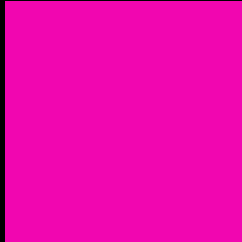
Large Text (above 18pt) WCAG AA ✓ Pass

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, 89.499, 343.081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

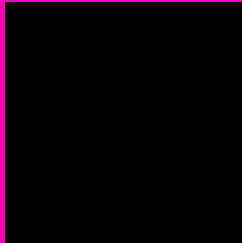
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 89.499, 343.081

Background



This preview shows how black text looks on a background with the CIELCh color 54, 89.499, 343.081.



This preview shows how white text looks on a background with the CIELCh color 54, 89.499, 343.081.

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, 89.499, 343.081

Protanopia

55, 71.269, 287.537

Deuteranopia

55, 21.313, 289.906



Tritanopia
54, 71.607, 29.393

Trichromacy



Original Color
54, 89.499, 343.081



Protanomaly
47, 82.510, 306.965



Deuteranomaly
49, 55.811, 326.311



Tritanomaly
53, 73.475, 9.114

Monochromacy



Original Color
54, 89.499, 343.081



Achromatopsia
41, 0.006, 296.813



Achromatomaly
40, 47.348, 337.802

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 89.499, 343.081 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, 6, 176)` looks like.

```
.text, #text, p{  
    color:rgb(241, 6, 176)  
}
```

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, 6, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 6, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 89.499, 343.081 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, 6, 176) }
```

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

```
.border{ border-color:rgb(241, 6, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 6, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 6, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 6, 176);  
box-shadow:4px 4px 4px 4px rgb(241, 6,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 89.499, 343.081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 6, 176) }
```

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

```
.background{ background-color: rgb(241, 6,  
176) }
```

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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