

Converting Colors

CIELCh(54, 89.702, 340.841)

Have a look what the booklet for
CIELCh(54, 89.702, 340.841)
contains.

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Color

CIELCh(54, 89.778, 340.777)

Conversions

Conversions Part 1

Format	Color
Hex	EE12B6
RGB	238, 18, 182
RGB Percent	93%, 7%, 71%
CMY	0.0668, 0.9298, 0.2864
CMYK	0.00, 0.92, 0.24, 0.07
HSL	315°, 87%, 50%
HSV	315°, 92%, 93%
XYZ	43.9001, 21.9746, 46.1639
YIQ	102.4760, 78.4760, 97.6440

Conversions

Conversions Part 2

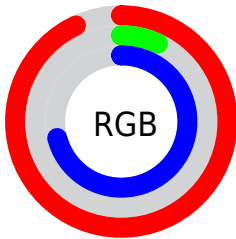
Format	Color
R _Y B	238, 18, 182
Decimal	15602358
CIE Lab	54.00, 84.77, -29.56
CIE LCh	54, 89.778, 340.777
Yxy	21.9746, 0.3918, 0.1961
Android (android.graphics.Color)	4293792438 (0xFFEE12B6)
YUV	102.4760, 39.2053, 118.8545
Hunter-Lab	46.8770, 85.1294, -25.5741

Details

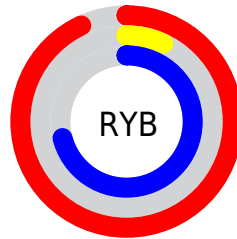
The CIELCh color **54, 89.778, 340.777** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle washed rose. A complement of this color would be **83, 100.259, 140.873**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 83.954, 331.158**, and **39, 71.572, 342.755** is the 20% darker color. If you saturate the color by 10%, you get **53, 90.047, 341.939**, and if you desaturate by 10%, it is **56, 87.410, 339.428**.

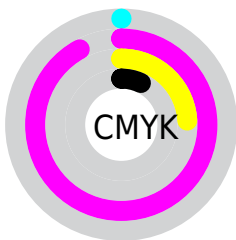
Distribution



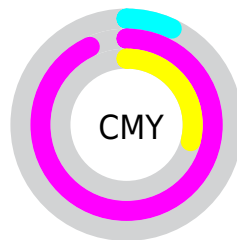
- Red (93%)
- Green (7%)
- Blue (71%)



- Red (93%)
- Yellow (7%)
- Blue (71%)



- Cyan (0%)
- Magenta (92%)
- Yellow (24%)
- Black (7%)



- Cyan (7%)
- Magenta (93%)
- Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 89.778, 340.777 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, 89.778, 340.777 by changing the saturation by 10% instead.

 54, 89.778,
340.777


 54, 89.778,
340.777

 100, 89.778,
340.777

 44, 89.778,
340.777

 74, 89.778,
340.777

 34, 89.778,
340.777

 84, 89.778,
340.777

 24, 89.778,
340.777

 94, 89.778,
340.777

 14, 89.778,
340.777

 4, 89.778, 340.777

 0, 89.778, 340.777

■ 54, 89.778,
340.777

■ 54, 89.778,
340.777

■ 53, 90.047,
341.939

■ 56, 87.410,
339.428

■ 58, 82.232,
338.281

■ 61, 74.470,
337.278

■ 65, 64.640,
336.375

■ 70, 53.348,
335.542

■ 75, 41.156,
334.760

■ 81, 28.517,
334.019

■ 87, 15.759,

333.309

■ 93, 3.105, 332.550

Harmonies

Complementary

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



54, 89.778, 340.777



83, 100.259, 140.873

Rectangle

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



54, 89.778, 340.777



54, 89.778, 30.777



54, 89.778, 160.777



54, 89.778, 210.777

Sweetspot

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



54, 89.774, 340.777



83, 37.585, 334.432



34, 120.417, 307.670



42, 25.913, 334.758



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, 89.774, 340.777



57, 94.824, 342.005



51, 82.275, 22.308



47, 7.207, 333.100



41, 74.354, 341.653



9, 33.285, 339.338

Inverse Universe

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



54, 89.774, 340.777



57, 94.824, 342.005



84, 61.231, 167.263



47, 7.207, 333.100



41, 74.354, 341.653



9, 33.285, 339.338

Previews

White Background



This preview shows how the CIELCh color 54, 89.778, 340.777 looks on a white background.

Color Contrast Check

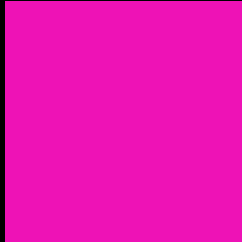
Large Text (above 18pt) WCAG AA ✓ Pass

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, 89.778, 340.777 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, 89.778, 340.777

Background



This preview shows how black text looks on a background with the CIELCh color 54, 89.778, 340.777.



This preview shows how white text looks on a background with the CIELCh color 54, 89.778, 340.777.

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, 89.778, 340.777

Protanopia

55, 74.097, 287.623

Deuteranopia

54, 24.239, 287.430



Tritanopia
54, 68.784, 28.335

Trichromacy



Original Color
54, 89.778, 340.777



Protanomaly
47, 82.298, 304.743



Deuteranomaly
49, 55.335, 323.463



Tritanomaly
53, 71.086, 7.049

Monochromacy



Original Color
54, 89.778, 340.777



Achromatopsia
43, 0.006, 296.813



Achromatomaly
42, 45.335, 336.082

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 89.778, 340.777 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(238, 18, 182)` looks like.

```
.text, #text, p{  
    color:rgb(238, 18, 182)  
}
```

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(238, 18, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 18, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 89.778, 340.777 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(238, 18, 182) }
```

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

```
.border{ border-color:rgb(238, 18, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 18, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 18, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 18, 182); box-shadow:4px 4px 4px 4px rgb(238, 18, 182) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 89.778, 340.777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 18, 182) }
```

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

```
.background{ background-color: rgb(238, 18,  
182) }
```

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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