

Converting Colors

CIELCh(54, 76.171, 349.963)

Have a look what the booklet for
CIELCh(54, 76.171, 349.963)
contains.

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Color

CIELCh(54, 76.098, 349.959)

Conversions

Conversions Part 1

Format	Color
Hex	E9329A
RGB	233, 50, 154
RGB Percent	91%, 20%, 60%
CMY	0.0858, 0.8033, 0.3957
CMYK	0.00, 0.78, 0.34, 0.09
HSL	326°, 81%, 56%
HSV	326°, 78%, 91%
XYZ	40.6317, 21.9746, 32.7169
YIQ	116.5730, 75.6840, 71.1400

Conversions

Conversions Part 2

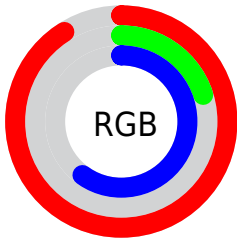
Format	Color
R_{YB}	233, 50, 154
Decimal	15282842
CIE _{Lab}	54.00, 74.93, -13.27
CIE _{LCh}	54, 76.098, 349.959
Yxy	21.9746, 0.4263, 0.2305
Android (android.graphics.Color)	4293472922 (0xFFE9329A)
YUV	116.5730, 18.4515, 102.1065
Hunter-Lab	46.8770, 72.6840, -8.5663

Details

The CIELCh color **54, 76.098, 349.959** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **82, 76.717, 150.228**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **68, 67.405, 340.490**, and **37, 65.084, 352.816** is the 20% darker color. If you saturate the color by 10%, you get **52, 79.373, 352.543**, and if you desaturate by 10%, it is **57, 70.340, 347.900**.

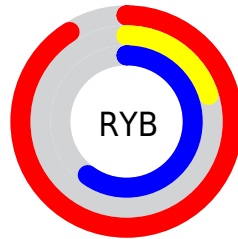
Distribution



Red (91%)

Green (20%)

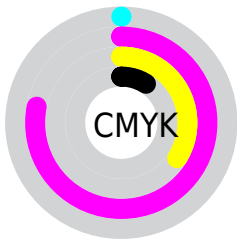
Blue (60%)



Red (91%)

Yellow (20%)

Blue (60%)

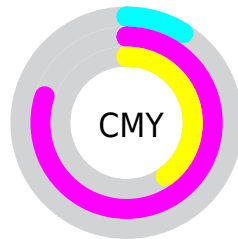


Cyan (0%)

Magenta (78%)

Yellow (34%)

Black (9%)



Cyan (9%)


Magenta (80%)


Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 76.098, 349.959 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, 76.098, 349.959 by changing the saturation by 10% instead.


 54, 76.098,
349.959


 54, 76.098,
349.959


 100, 76.098,
349.959


 44, 76.098,
349.959


 74, 76.098,
349.959

 34, 76.098,
349.959

 84, 76.098,
349.959

 24, 76.098,
349.959

 94, 76.098,
349.959

 14, 76.098,
349.959

 4, 76.098, 349.959

 0, 76.098, 349.959

54, 76.098,
349.959

54, 76.098,
349.959

52, 79.373,
352.543

57, 70.340,
347.900

51, 80.352,
355.758

61, 62.459,
346.228

51, 80.434,
356.275

65, 53.003,
344.833

70, 42.538,
343.638

76, 31.542,
342.588

81, 20.370,
341.646

87, 9.263, 340.773

93, 1.630, 160.307

Harmonies

Complementary

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



54, 76.098, 349.959



82, 76.717, 150.228

Rectangle

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



54, 76.098, 349.959



54, 76.098, 39.959



54, 76.098, 169.959



54, 76.098, 219.959

Sweetspot

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



54, 76.094, 349.960



85, 28.546, 342.166



42, 103.668, 310.523



43, 19.635, 342.511



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, 76.094, 349.960



56, 85.791, 354.396



52, 77.652, 28.222



46, 6.244, 340.858



39, 66.730, 355.643



8, 29.377, 350.219

Inverse Universe

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



54, 76.094, 349.960



56, 85.791, 354.396



84, 47.129, 186.390



46, 6.244, 340.858



39, 66.730, 355.643



8, 29.377, 350.219

Previews

White Background



This preview shows how the CIELCh color 54, 76.098, 349.959 looks on a white background.

Color Contrast Check

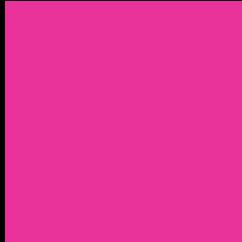
Large Text (above 18pt) WCAG AA ✓ Pass

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, 76.098, 349.959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

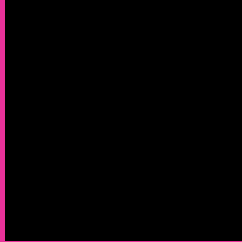
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 76.098, 349.959

Background



This preview shows how black text looks on a background with the CIELCh color 54, 76.098, 349.959.



This preview shows how white text looks on a background with the CIELCh color 54, 76.098, 349.959.

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, 76.098, 349.959

Protanopia

54, 46.254, 285.868

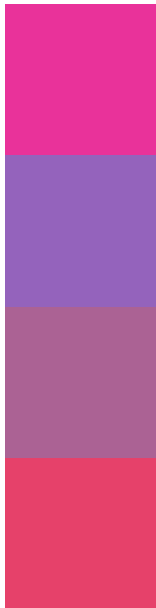
Deuteranopia

54, 11.538, 308.732



Tritanopia
54, 67.515, 28.054

Trichromacy



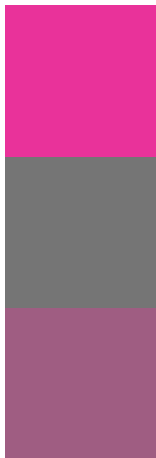
Original Color
54, 76.098, 349.959

Protanomaly
51, 54.004, 313.027

Deuteranomaly
51, 39.403, 338.153

Tritanomaly
54, 66.958, 12.821

Monochromacy



Original Color
54, 76.098, 349.959

Achromatopsia
49, 0.007, 296.813

Achromatomaly
48, 33.412, 344.268

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 76.098, 349.959 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(233, 50, 154)` looks like.

```
.text, #text, p{  
    color:rgb(233, 50, 154)  
}
```

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(233, 50, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 50, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 76.098, 349.959 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(233, 50, 154) }
```

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

```
.border{ border-color:rgb(233, 50, 154) }
```

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

Here you see how a box with a 4 pixel rgb(233, 50, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 50, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 50, 154);  
box-shadow:4px 4px 4px 4px rgb(233, 50,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 76.098, 349.959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 50, 154) }
```

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

```
.background{ background-color: rgb(233, 50,  
154) }
```

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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