

Converting Colors

CIELCh(54, 80.192, 343.855)

Have a look what the booklet for
CIELCh(54, 80.192, 343.855)
contains.

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Color

CIELCh(54, 80.026, 343.877)

Conversions

Conversions Part 1

Format	Color
Hex	E72FA9
RGB	231, 47, 169
RGB Percent	91%, 18%, 66%
CMY	0.0930, 0.8141, 0.3363
CMYK	0.00, 0.80, 0.27, 0.09
HSL	320°, 79%, 55%
HSV	320°, 80%, 91%
XYZ	41.2647, 21.9746, 39.7269
YIQ	115.9240, 70.5020, 76.9500

Conversions

Conversions Part 2

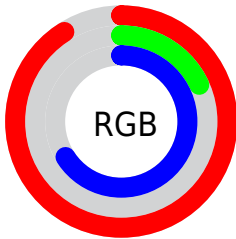
Format	Color
R _Y B	231, 47, 169
Decimal	15151017
CIE Lab	54.00, 76.88, -22.22
CIE LCh	54, 80.026, 343.877
Yxy	21.9746, 0.4008, 0.2134
Android (android.graphics.Color)	4293341097 (0xFFE72FA9)
YUV	115.9240, 26.1665, 100.9217
Hunter-Lab	46.8770, 75.0945, -17.4326

Details

The CIELCh color **54, 80.026, 343.877** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **81, 83.510, 146.144**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 73.094, 335.127**, and **38, 67.825, 345.931** is the 20% darker color. If you saturate the color by 10%, you get **52, 82.982, 345.739**, and if you desaturate by 10%, it is **57, 74.426, 342.352**.

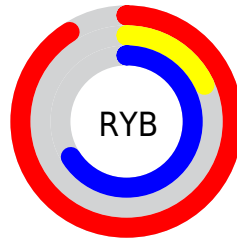
Distribution



Red (91%)

Green (18%)

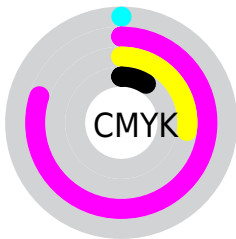
Blue (66%)



Red (91%)

Yellow (18%)

Blue (66%)

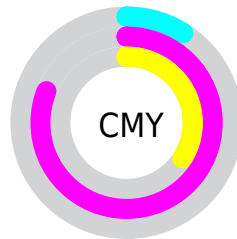


Cyan (0%)

Magenta (80%)

Yellow (27%)

Black (9%)



Cyan (9%)


Magenta (81%)

Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 80.026, 343.877 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, 80.026, 343.877 by changing the saturation by 10% instead.


 54, 80.026,
343.877


 54, 80.026,
343.877


 100, 80.026,
343.877

 44, 80.026,
343.877


 74, 80.026,
343.877

 34, 80.026,
343.877

 84, 80.026,
343.877

 24, 80.026,
343.877

 94, 80.026,
343.877

 14, 80.026,
343.877

 4, 80.026, 343.877

 0, 80.026, 343.877

■ 54, 80.026,
343.877

■ 54, 80.026,
343.877

■ 52, 82.982,
345.739

■ 57, 74.426,
342.352

■ 51, 83.576,
347.997

■ 60, 66.527,
341.069

■ 51, 83.587,
348.113

■ 65, 56.875,
339.960


■ 69, 46.054,
338.975

■ 75, 34.570,
338.081

■ 80, 22.809,
337.256

■ 86, 11.042,
336.478

■ 92, 0.557, 156.506

 98, 11.549,
155.524

Harmonies

Complementary

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



54, 80.026, 343.877



81, 83.510, 146.144

Rectangle

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



54, 80.026, 343.877



54, 80.026, 33.877



54, 80.026, 163.877



54, 80.026, 213.877

Sweetspot

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



54, 80.022, 343.878



85, 30.423, 337.630



40, 105.071, 308.727



43, 20.909, 337.928



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, 80.022, 343.878



57, 89.906, 347.057



51, 74.953, 22.519



45, 6.555, 336.473



39, 69.082, 347.665



7, 29.861, 343.783

Inverse Universe

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



54, 80.022, 343.878



57, 89.906, 347.057



83, 50.919, 177.366



45, 6.555, 336.473



39, 69.082, 347.665



7, 29.861, 343.783

Previews

White Background



This preview shows how the CIELCh color 54, 80.026, 343.877 looks on a white background.

Color Contrast Check

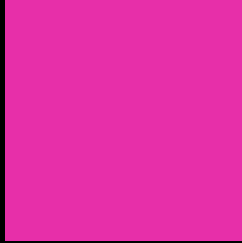
Large Text (above 18pt) WCAG AA ✓ Pass

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, 80.026, 343.877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

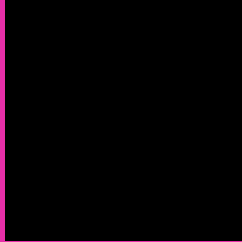
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 80.026, 343.877

Background



This preview shows how black text looks on a background with the CIELCh color 54, 80.026, 343.877.



This preview shows how white text looks on a background with the CIELCh color 54, 80.026, 343.877.

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, 80.026, 343.877

Protanopia

54, 58.835, 286.802

Deuteranopia

54, 18.463, 292.398



Tritanopia
54, 64.406, 27.248

Trichromacy



Original Color
54, 80.026, 343.877



Protanomaly
50, 64.934, 307.711



Deuteranomaly
51, 44.241, 327.423



Tritanomaly
54, 65.106, 8.715

Monochromacy



Original Color
54, 80.026, 343.877



Achromatopsia
49, 0.007, 296.813



Achromatomaly
48, 36.046, 339.428

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 80.026, 343.877 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(231, 47, 169)` looks like.

```
.text, #text, p{  
    color:rgb(231, 47, 169)  
}
```

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(231, 47, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 47, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 80.026, 343.877 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(231, 47, 169) }
```

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

```
.border{ border-color:rgb(231, 47, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 47, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 47, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 47, 169);  
box-shadow:4px 4px 4px 4px rgb(231, 47,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 80.026, 343.877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 47, 169) }
```

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

```
.background{ background-color: rgb(231, 47,  
169) }
```

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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