

Converting Colors

CIELCh(54, 75.816, 348.033)

Have a look what the booklet for
CIELCh(54, 75.816, 348.033)
contains.

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Color

CIELCh(54, 75.697, 348.138)

Conversions

Conversions Part 1

Format	Color
Hex	E7359E
RGB	231, 53, 158
RGB Percent	91%, 21%, 62%
CMY	0.0945, 0.7926, 0.3807
CMYK	0.00, 0.77, 0.32, 0.09
HSL	325°, 79%, 56%
HSV	325°, 77%, 91%
XYZ	40.3566, 21.9746, 34.4251
YIQ	118.1920, 72.3830, 70.3910

Conversions

Conversions Part 2

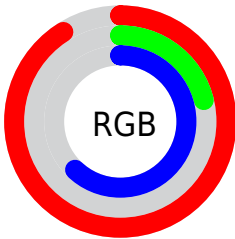
Format	Color
R_{YB}	231, 53, 158
Decimal	15152542
CIE _{Lab}	54.00, 74.08, -15.56
CIE _{LCh}	54, 75.697, 348.138
Yxy	21.9746, 0.4171, 0.2271
Android (android.graphics.Color)	4293342622 (0xFFE7359E)
YUV	118.1920, 19.6253, 98.9326
Hunter-Lab	46.8770, 71.6366, -10.7269

Details

The CIELCh color **54, 75.697, 348.138** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle washed rose. A complement of this color would be **81, 76.642, 149.544**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 67.925, 338.852**, and **37, 65.483, 350.226** is the 20% darker color. If you saturate the color by 10%, you get **52, 79.276, 350.460**, and if you desaturate by 10%, it is **57, 69.641, 346.274**.

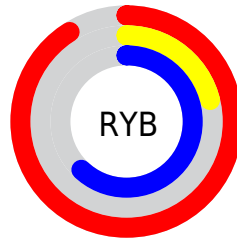
Distribution



Red (91%)

Green (21%)

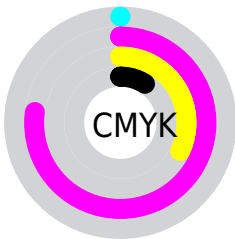
Blue (62%)



Red (91%)

Yellow (21%)

Blue (62%)

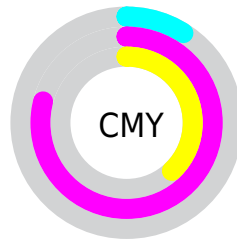


Cyan (0%)

Magenta (77%)

Yellow (32%)

Black (9%)



Cyan (9%)

Magenta (79%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 75.697, 348.138 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, 75.697, 348.138 by changing the saturation by 10% instead.


 54, 75.697,
348.138

 54, 75.697,
348.138


 100, 75.697,
348.138

 44, 75.697,
348.138


 74, 75.697,
348.138

 34, 75.697,
348.138

 84, 75.697,
348.138

 24, 75.697,
348.138

 94, 75.697,
348.138

 14, 75.697,
348.138

 4, 75.697, 348.138

 0, 75.697, 348.138

54, 75.697,
348.138

54, 75.697,
348.138

52, 79.276,
350.460

57, 69.641,
346.274

51, 80.411,
353.363

61, 61.513,
344.743

50, 80.529,
354.279

65, 51.872,
343.451


70, 41.278,
342.331

76, 30.191,
341.337

81, 18.954,
340.436

87, 7.795, 339.589

93, 3.146, 159.026

 98, 10.418,
163.285

Harmonies

Complementary

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



54, 75.697, 348.138



81, 76.642, 149.544

Rectangle

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



54, 75.697, 348.138



54, 75.697, 38.138



54, 75.697, 168.138



54, 75.697, 218.138

Sweetspot

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



54, 75.693, 348.139



85, 27.744, 340.970



42, 101.583, 310.100



43, 19.226, 341.305



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, 75.693, 348.139



56, 86.505, 352.252



52, 75.125, 26.450



45, 6.226, 339.789



39, 66.610, 353.677



7, 28.708, 348.460

Inverse Universe

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



54, 75.693, 348.139



56, 86.505, 352.252



83, 47.073, 184.655



45, 6.226, 339.789



39, 66.610, 353.677



7, 28.708, 348.460

Previews

White Background



This preview shows how the CIELCh color 54, 75.697, 348.138 looks on a white background.

Color Contrast Check

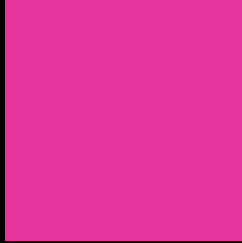
Large Text (above 18pt) WCAG AA ✓ Pass

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, 75.697, 348.138 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, 75.697, 348.138

Background



This preview shows how black text looks on a background with the CIELCh color 54, 75.697, 348.138.

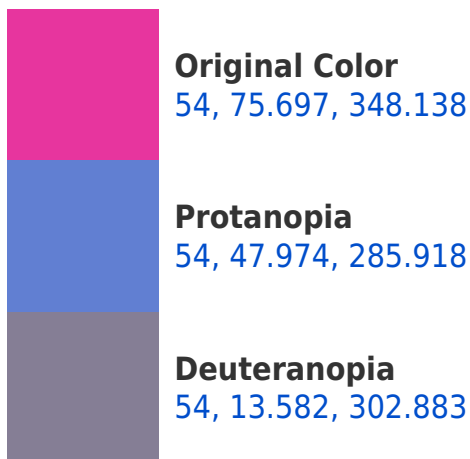


This preview shows how white text looks on a background with the CIELCh color 54, 75.697, 348.138.

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





Tritanopia
54, 64.885, 27.400

Trichromacy



Original Color
54, 75.697, 348.138



Protanomaly
51, 54.822, 311.638



Deuteranomaly
51, 39.799, 334.903



Tritanomaly
54, 64.882, 11.442

Monochromacy



Original Color
54, 75.697, 348.138



Achromatopsia
50, 0.007, 296.813



Achromatomaly
48, 33.732, 342.104

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 75.697, 348.138 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, 53, 158)` looks like.

```
.text, #text, p{  
    color:rgb(231, 53, 158)  
}
```

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, 53, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 53, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 75.697, 348.138 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, 53, 158) }
```

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

```
.border{ border-color:rgb(231, 53, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 53, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 53, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 53, 158);  
box-shadow:4px 4px 4px 4px rgb(231, 53,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 75.697, 348.138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 53, 158) }
```

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

```
.background{ background-color: rgb(231, 53,  
158) }
```

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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