

Converting Colors

CIELCh(54, 85.716, 339.093)

Have a look what the booklet for
CIELCh(54, 85.716, 339.093)
contains.

CIELCh(54, 85.740, 338.990)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(54, 85.740, 338.990)

Conversions

Conversions Part 1

Format	Color
Hex	E729B8
RGB	231, 41, 184
RGB Percent	91%, 16%, 72%
CMY	0.0949, 0.8403, 0.2791
CMYK	0.00, 0.82, 0.20, 0.09
HSL	315°, 80%, 53%
HSV	315°, 82%, 91%
XYZ	42.3071, 21.9746, 47.2614
YIQ	114.1120, 67.3370, 84.7530

Conversions

Conversions Part 2

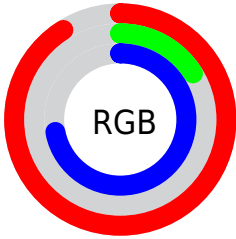
Format	Color
R _Y B	231, 41, 184
Decimal	15149496
CIE Lab	54.00, 80.04, -30.74
CIE LCh	54, 85.740, 338.990
Yxy	21.9746, 0.3793, 0.1970
Android (android.graphics.Color)	4293339576 (0xFFE729B8)
YUV	114.1120, 34.4548, 102.5108
Hunter-Lab	46.8770, 79.0636, -26.9622

Details

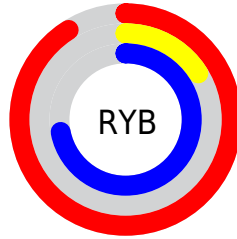
The CIELCh color **54, 85.740, 338.990** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **81, 91.555, 142.526**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **69, 80.363, 330.711**, and **38, 71.628, 340.208** is the 20% darker color. If you saturate the color by 10%, you get **53, 88.140, 340.281**, and if you desaturate by 10%, it is **56, 80.589, 337.887**.

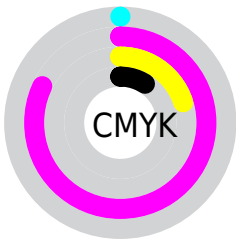
Distribution



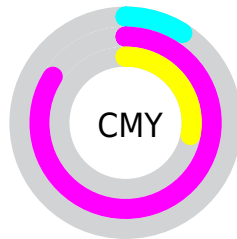
- Red (91%)
- Green (16%)
- Blue (72%)



- Red (91%)
- Yellow (16%)
- Blue (72%)



- Cyan (0%)
- Magenta (82%)
- Yellow (20%)
- Black (9%)





- Cyan (9%)
- Magenta (84%)
- Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 85.740, 338.990 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, 85.740, 338.990 by changing the saturation by 10% instead.


 54, 85.740,
338.990


 54, 85.740,
338.990


 100, 85.740,
338.990


 44, 85.740,
338.990


 74, 85.740,
338.990

 34, 85.740,
338.990

 84, 85.740,
338.990

 24, 85.740,
338.990

 94, 85.740,
338.990

 14, 85.740,
338.990

 4, 85.740, 338.990

 0, 85.740, 338.990

54, 85.740,
338.990

54, 85.740,
338.990

53, 88.140,
340.281

56, 80.589,
337.887

52, 88.478,
341.405

60, 72.929,
336.916

64, 63.260,
336.036

68, 52.173,
335.221

73, 40.214,
334.452

79, 27.820,
333.721

84, 15.313,
333.019

90, 2.906, 332.261

Harmonies

Complementary

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



54, 85.740, 338.990



81, 91.555, 142.526

Rectangle

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



54, 85.740, 338.990



54, 85.740, 28.990



54, 85.740, 158.990



54, 85.740, 208.990

Sweetspot

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



54, 85.737, 338.990



84, 33.735, 333.921



36, 109.179, 307.063



43, 23.009, 334.179



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, 85.737, 338.990



57, 95.307, 341.345



51, 74.251, 15.705



45, 6.991, 332.818



40, 73.214, 341.127



8, 31.551, 338.682

Inverse Universe

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



54, 85.737, 338.990



57, 95.307, 341.345



82, 57.604, 167.853



45, 6.991, 332.818



40, 73.214, 341.127



8, 31.551, 338.682

Previews

White Background



This preview shows how the CIELCh color 54, 85.740, 338.990 looks on a white background.

Color Contrast Check

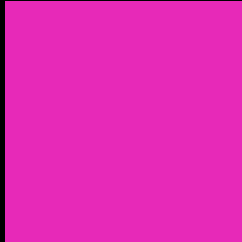
Large Text (above 18pt) WCAG AA ✓ Pass

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, 85.740, 338.990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

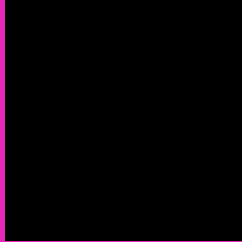
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 85.740, 338.990

Background



This preview shows how black text looks on a background with the CIELCh color 54, 85.740, 338.990.

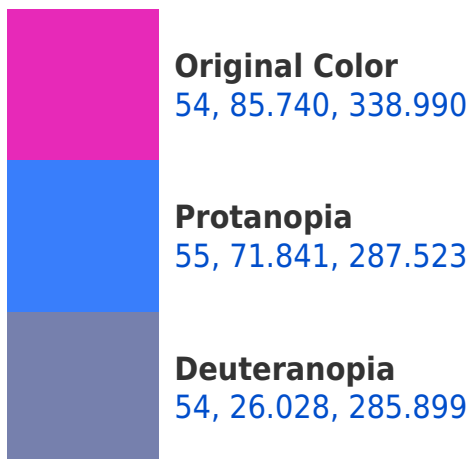


This preview shows how white text looks on a background with the CIELCh color 54, 85.740, 338.990.

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, 62.232, 26.746

Trichromacy



Original Color
54, 85.740, 338.990



Protanomaly
49, 76.881, 303.538



Deuteranomaly
51, 51.257, 320.069



Tritanomaly
53, 64.903, 5.094

Monochromacy



Original Color
54, 85.740, 338.990



Achromatopsia
48, 0.006, 296.813



Achromatomaly
47, 39.590, 335.243

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 85.740, 338.990 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, 41, 184)` looks like.

```
.text, #text, p{  
    color:rgb(231, 41, 184)  
}
```

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, 41, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 41, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 85.740, 338.990 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, 41, 184) }
```

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

```
.border{ border-color:rgb(231, 41, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 41, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 41, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 41, 184); box-shadow:4px 4px 4px 4px rgb(231, 41, 184) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 85.740, 338.990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 41, 184) }
```

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

```
.background{ background-color: rgb(231, 41,  
184) }
```

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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