

Converting Colors

CIELCh(54, 85.919, 336.149)

Have a look what the booklet for
CIELCh(54, 85.919, 336.149)
contains.

CIELCh(54, 85.954, 335.983)	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, 85.954, 335.983)

Conversions

Conversions Part 1

Format	Color
Hex	E22FBF
RGB	226, 47, 191
RGB Percent	89%, 18%, 75%
CMY	0.1136, 0.8154, 0.2509
CMYK	0.00, 0.79, 0.15, 0.11
HSL	312°, 76%, 54%
HSV	312°, 79%, 89%
XYZ	41.8014, 21.9746, 51.3470
YIQ	116.9370, 60.4600, 82.7320

Conversions

Conversions Part 2

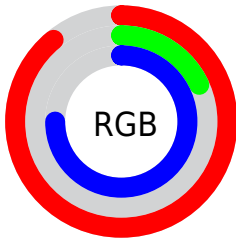
Format	Color
R _{YB}	226, 47, 191
Decimal	14823359
CIE _{Lab}	54.00, 78.51, -34.98
CIE _{LCh}	54, 85.954, 335.983
Y _{xy}	21.9746, 0.3631, 0.1909
Android (android.graphics.Color)	4293013439 (0xFFE22FBF)
YUV	116.9370, 36.5131, 95.6483
Hunter-Lab	46.8770, 77.1379, -32.1297

Details

The CIELCh color **54, 85.954, 335.983** 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 **79, 90.819, 141.560**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 81.916, 328.814**, and **38, 73.215, 336.575** is the 20% darker color. If you saturate the color by 10%, you get **52, 89.420, 336.908**, and if you desaturate by 10%, it is **57, 79.794, 335.150**.

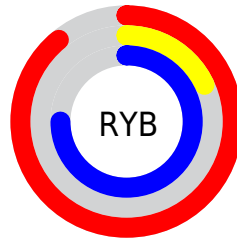
Distribution



Red (89%)

Green (18%)

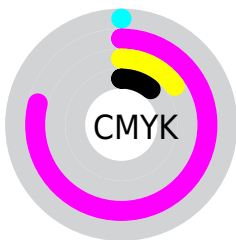
Blue (75%)



Red (89%)

Yellow (18%)

Blue (75%)

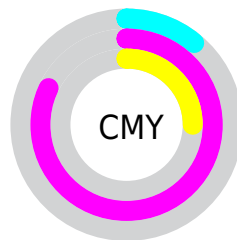


Cyan (0%)

Magenta (79%)

Yellow (15%)

Black (11%)



Cyan (11%)

Magenta (82%)

Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 85.954, 335.983 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, 85.954, 335.983 by changing the saturation by 10% instead.

 54, 85.954,
335.983

 54, 85.954,
335.983

 100, 85.954,
335.983

 44, 85.954,
335.983


 74, 85.954,
335.983

 34, 85.954,
335.983

 84, 85.954,
335.983

 24, 85.954,
335.983

 94, 85.954,
335.983

 14, 85.954,
335.983

 4, 85.954, 335.983

 0, 85.954, 335.983

■ 54, 85.954,
335.983

■ 54, 85.954,
335.983

■ 52, 89.420,
336.908

■ 57, 79.794,
335.150

■ 51, 90.424,
337.955

■ 60, 71.275,
334.377

■ 51, 90.468,
338.043

■ 64, 60.927,
333.641


■ 69, 49.328,
332.932

■ 74, 36.987,
332.243

■ 79, 24.307,
331.573

■ 85, 11.575,
330.915

■ 90, 1.015, 150.659

 96, 13.346,
149.761

Harmonies

Complementary

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



54, 85.954, 335.983



79, 90.819, 141.560

Rectangle

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



54, 85.954, 335.983



54, 85.954, 25.983



54, 85.954, 155.983



54, 85.954, 205.983

Sweetspot

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



54, 85.951, 335.983



85, 33.568, 331.904



36, 104.468, 306.012



43, 23.054, 332.146



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, 85.951, 335.983



58, 98.853, 337.573



51, 70.575, 10.070



44, 7.119, 330.932



40, 75.204, 337.847



7, 31.472, 335.986

Inverse Universe

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



54, 85.951, 335.983



58, 98.853, 337.573



81, 58.488, 164.606



44, 7.119, 330.932



40, 75.204, 337.847



7, 31.472, 335.986

Previews

White Background



This preview shows how the CIELCh color 54, 85.954, 335.983 looks on a white background.

Color Contrast Check

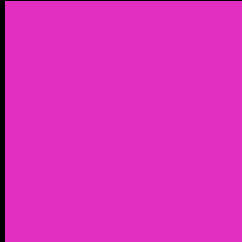
Large Text (above 18pt) WCAG AA ✓ Pass

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, 85.954, 335.983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

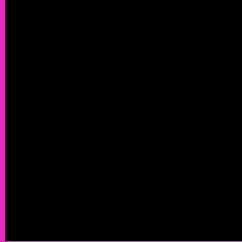
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 85.954, 335.983

Background



This preview shows how black text looks on a background with the CIELCh color 54, 85.954, 335.983.

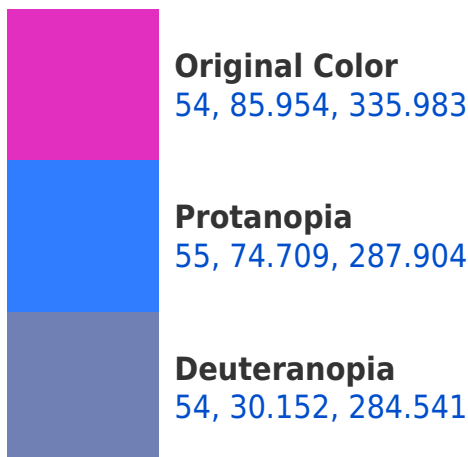


This preview shows how white text looks on a background with the CIELCh color 54, 85.954, 335.983.

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, 57.589, 25.124

Trichromacy



Original Color
54, 85.954, 335.983



Protanomaly
49, 78.424, 301.862



Deuteranomaly
51, 52.370, 316.003



Tritanomaly
53, 62.042, 1.346

Monochromacy



Original Color
54, 85.954, 335.983



Achromatopsia
49, 0.007, 296.813



Achromatomaly
48, 38.576, 333.183

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 85.954, 335.983 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(226, 47, 191)` looks like.

```
.text, #text, p{  
    color:rgb(226, 47, 191)  
}
```

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(226, 47, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 47, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 85.954, 335.983 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(226, 47, 191) }
```

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

```
.border{ border-color:rgb(226, 47, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 47, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 47, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 47, 191);  
box-shadow:4px 4px 4px 4px rgb(226, 47,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 85.954, 335.983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 47, 191) }
```

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

```
.background{ background-color: rgb(226, 47,  
191) }
```

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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