

Converting Colors

CIELCh(54, 71.710, 350.224)

Have a look what the booklet for
CIELCh(54, 71.710, 350.224)
contains.

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Color

CIELCh(54, 71.646, 350.290)

Conversions

Conversions Part 1

Format	Color
Hex	E43C98
RGB	228, 60, 152
RGB Percent	89%, 24%, 60%
CMY	0.1061, 0.7649, 0.4041
CMYK	0.00, 0.74, 0.33, 0.11
HSL	327°, 76%, 56%
HSV	327°, 74%, 89%
XYZ	39.2519, 21.9746, 31.8570
YIQ	120.7200, 70.5960, 64.2280

Conversions

Conversions Part 2

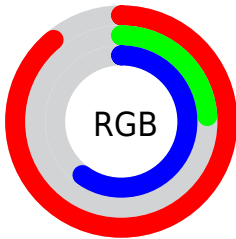
Format	Color
RYB	228, 60, 152
Decimal	14957720
CIELab	54.00, 70.62, -12.08
CIElCh	54, 71.646, 350.290
Yxy	21.9746, 0.4217, 0.2361
Android (android.graphics.Color)	4293147800 (0xFFE43C98)
YUV	120.7200, 15.4210, 94.0846
Hunter-Lab	46.8770, 67.4299, -7.4788

Details

The CIELCh color **54, 71.646, 350.290** 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, 70.602, 152.108**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 63.722, 341.768**, and **36, 64.049, 352.554** is the 20% darker color. If you saturate the color by 10%, you get **52, 76.098, 352.749**, and if you desaturate by 10%, it is **57, 64.928, 348.326**.

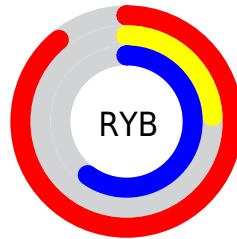
Distribution



Red (89%)

Green (24%)

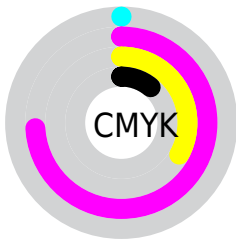
Blue (60%)



Red (89%)

Yellow (24%)

Blue (60%)

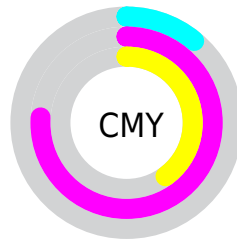


Cyan (0%)

Magenta (74%)

Yellow (33%)

Black (11%)



Cyan (11%)


Magenta (76%)


Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 71.646, 350.290 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, 71.646, 350.290 by changing the saturation by 10% instead.


 54, 71.646,
350.290


 54, 71.646,
350.290


 100, 71.646,
350.290


 44, 71.646,
350.290


 74, 71.646,
350.290

 34, 71.646,
350.290

 84, 71.646,
350.290

 24, 71.646,
350.290

 94, 71.646,
350.290

 14, 71.646,
350.290

 4, 71.646, 350.290

 0, 71.646, 350.290

54, 71.646,
350.290

54, 71.646,
350.290

52, 76.098,
352.749

57, 64.928,
348.326

50, 78.154,
355.849

61, 56.414,
346.720

49, 78.583,
358.112

66, 46.661,
345.373


71, 36.185,
344.211

77, 25.392,
343.185

82, 14.567,
342.259

88, 3.895, 341.350

94, 6.515, 160.767

 98, 10.805,
169.805

Harmonies

Complementary

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



54, 71.646, 350.290



81, 70.602, 152.108

Rectangle

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



54, 71.646, 350.290



54, 71.646, 40.290



54, 71.646, 170.290



54, 71.646, 220.290

Sweetspot

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



54, 71.642, 350.291



86, 25.791, 343.035



44, 96.390, 311.223



44, 17.355, 343.299



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, 71.642, 350.291



57, 84.233, 354.162



52, 73.012, 28.579



45, 6.046, 341.885



39, 65.591, 357.448



7, 28.142, 351.414

Inverse Universe

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



54, 71.642, 350.291



57, 84.233, 354.162



83, 43.903, 190.607



45, 6.046, 341.885



39, 65.591, 357.448



7, 28.142, 351.414

Previews

White Background



This preview shows how the CIELCh color 54, 71.646, 350.290 looks on a white background.

Color Contrast Check

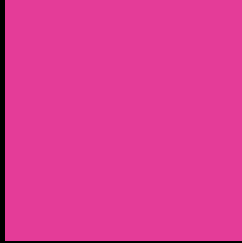
Large Text (above 18pt) WCAG AA ✓ Pass

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, 71.646, 350.290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

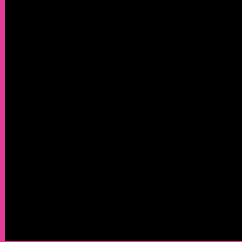
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 71.646, 350.290

Background



This preview shows how black text looks on a background with the CIELCh color 54, 71.646, 350.290.



This preview shows how white text looks on a background with the CIELCh color 54, 71.646, 350.290.

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, 71.646, 350.290

Protanopia

54, 41.656, 285.793

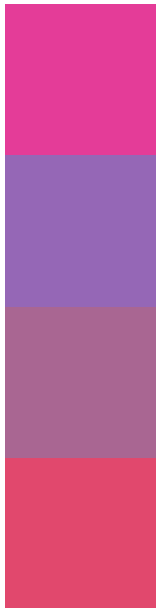
Deuteranopia

54, 10.582, 312.568



Tritanopia
54, 62.921, 26.483

Trichromacy



Original Color
54, 71.646, 350.290

Protanomaly
51, 48.348, 313.842

Deuteranomaly
52, 35.688, 339.192

Tritanomaly
54, 62.895, 12.006

Monochromacy



Original Color
54, 71.646, 350.290

Achromatopsia
51, 0.007, 296.813

Achromatomaly
50, 30.540, 344.969

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 71.646, 350.290 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(228, 60, 152)` looks like.

```
.text, #text, p{  
    color:rgb(228, 60, 152)  
}
```

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(228, 60, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 60, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 71.646, 350.290 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(228, 60, 152) }
```

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

```
.border{ border-color:rgb(228, 60, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 60, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 60, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 60, 152);  
box-shadow:4px 4px 4px 4px rgb(228, 60,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 71.646, 350.290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 60, 152) }
```

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

```
.background{ background-color: rgb(228, 60,  
152) }
```

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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