

Converting Colors

CIELCh(57, 73.310, 350.288)

Have a look what the booklet for
CIELCh(57, 73.310, 350.288)
contains.

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Color

CIELCh(57, 73.083, 350.435)

Conversions

Conversions Part 1

Format	Color
Hex	EF43A0
RGB	239, 67, 160
RGB Percent	94%, 26%, 63%
CMY	0.0625, 0.7370, 0.3723
CMYK	0.00, 0.72, 0.33, 0.06
HSL	328°, 84%, 60%
HSV	328°, 72%, 94%
XYZ	43.9770, 24.9227, 35.7737
YIQ	129.0300, 72.6590, 65.3870

Conversions

Conversions Part 2

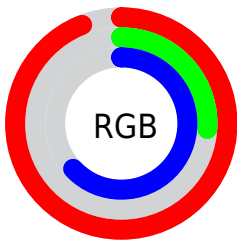
Format	Color
R _Y B	239, 67, 160
Decimal	15680416
CIE Lab	57.00, 72.07, -12.14
CIE LCh	57, 73.083, 350.435
Yxy	24.9227, 0.4201, 0.2381
Android (android.graphics.Color)	4293870496 (0xFFEF43A0)
YUV	129.0300, 15.2682, 96.4437
Hunter-Lab	49.9226, 69.8767, -7.5404

Details

The CIELCh color **57, 73.083, 350.435** is a light color, and the websafe version is hex **FF3399**. The color can be described as light muted rose. A complement of this color would be **85, 71.535, 152.733**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 62.748, 338.929**, and **39, 67.141, 351.752** is the 20% darker color. If you saturate the color by 10%, you get **54, 78.107, 352.864**, and if you desaturate by 10%, it is **61, 65.773, 348.493**.

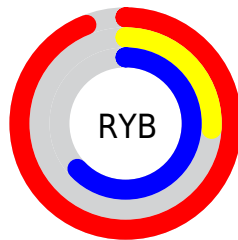
Distribution



Red (94%)

Green (26%)

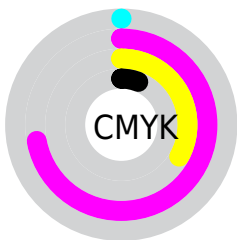
Blue (63%)



Red (94%)

Yellow (26%)

Blue (63%)

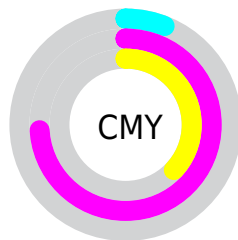


Cyan (0%)

Magenta (72%)

Yellow (33%)

Black (6%)



Cyan (6%)

Magenta (74%)


Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 73.083, 350.435 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 57, 73.083, 350.435 by changing the saturation by 10% instead.

 57, 73.083,
350.435


 57, 73.083,
350.435


 100, 73.083,
350.435


 47, 73.083,
350.435


 77, 73.083,
350.435

 37, 73.083,
350.435

 87, 73.083,
350.435

 27, 73.083,
350.435

 97, 73.083,
350.435

 17, 73.083,
350.435

 7, 73.083, 350.435

 0, 73.083, 350.435

57, 73.083,
350.435

57, 73.083,
350.435

54, 78.107,
352.864

61, 65.773,
348.493

53, 80.644,
355.933

65, 56.694,
346.904

52, 81.271,
358.888

70, 46.429,
345.567

75, 35.496,
344.413

81, 24.298,
343.393

87, 13.111,
342.469

93, 2.113, 341.468

99, 6.660, 166.266

Harmonies

Complementary

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



57, 73.083, 350.435



85, 71.535, 152.733

Rectangle

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



57, 73.083, 350.435



57, 73.083, 40.435



57, 73.083, 170.435



57, 73.083, 220.435

Sweetspot

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



57, 73.079, 350.436



86, 25.673, 343.406



47, 98.085, 311.178



44, 17.277, 343.673



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57, 73.079, 350.436



57, 83.496, 354.114



55, 74.057, 28.002



47, 6.236, 342.250



40, 66.820, 358.178



8, 29.870, 352.502

Inverse Universe

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



57, 73.079, 350.436



57, 83.496, 354.114



86, 45.048, 190.703



47, 6.236, 342.250



40, 66.820, 358.178



8, 29.870, 352.502

Previews

White Background



This preview shows how the CIELCh color 57, 73.083, 350.435 looks on a white background.

Color Contrast Check

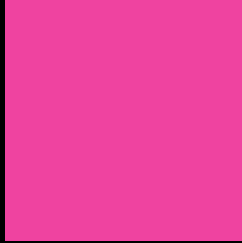
Large Text (above 18pt) WCAG AA ✓ Pass

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 57, 73.083, 350.435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

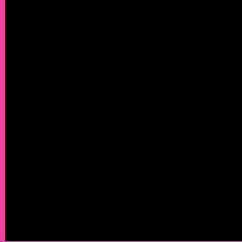
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 73.083, 350.435

Background



This preview shows how black text looks on a background with the CIELCh color 57, 73.083, 350.435.

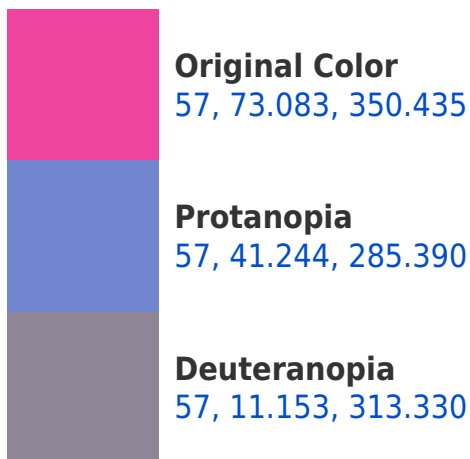


This preview shows how white text looks on a background with the CIELCh color 57, 73.083, 350.435.

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
57, 64.017, 26.198

Trichromacy



Original Color
57, 73.083, 350.435



Protanomaly
54, 48.666, 314.351



Deuteranomaly
55, 36.570, 339.821



Tritanomaly
57, 64.136, 12.064

Monochromacy



Original Color
57, 73.083, 350.435



Achromatopsia
54, 0.007, 296.813



Achromatomaly
53, 31.208, 344.965

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 73.083, 350.435 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(239, 67, 160)` looks like.

```
.text, #text, p{  
    color:rgb(239, 67, 160)  
}
```

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(239, 67, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 67, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 73.083, 350.435 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(239, 67, 160) }
```

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

```
.border{ border-color:rgb(239, 67, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 67, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 67, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 67, 160);  
box-shadow:4px 4px 4px 4px rgb(239, 67,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 73.083, 350.435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 67, 160) }
```

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

```
.background{ background-color: rgb(239, 67,  
160) }
```

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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