

Converting Colors

CIELCh(57, 73.034, 349.847)

Have a look what the booklet for
CIELCh(57, 73.034, 349.847)
contains.

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Color

CIELCh(57, 72.721, 349.884)

Conversions

Conversions Part 1

Format	Color
Hex	EE44A1
RGB	238, 68, 161
RGB Percent	93%, 27%, 63%
CMY	0.0662, 0.7328, 0.3682
CMYK	0.00, 0.71, 0.32, 0.07
HSL	327°, 83%, 60%
HSV	327°, 71%, 93%
XYZ	43.8146, 24.9227, 36.2650
YIQ	129.4320, 71.4670, 64.9630

Conversions

Conversions Part 2

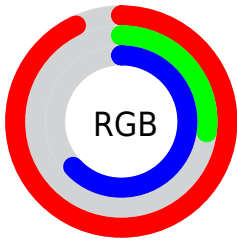
Format	Color
R _Y B	238, 68, 161
Decimal	15615137
CIE Lab	57.00, 71.59, -12.77
CIE LCh	57, 72.721, 349.884
Yxy	24.9227, 0.4173, 0.2374
Android (android.graphics.Color)	4293805217 (0xFFEE44A1)
YUV	129.4320, 15.5630, 95.2141
Hunter-Lab	49.9226, 69.2962, -8.1239

Details

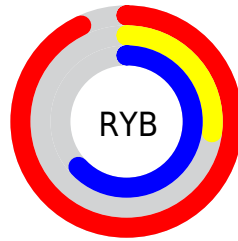
The CIELCh color **57, 72.721, 349.884** is a light color, and the websafe version is hex **FF3399**. The color can be described as light muted rose. A complement of this color would be **84, 71.294, 152.541**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 62.525, 338.631**, and **39, 66.977, 351.448** is the 20% darker color. If you saturate the color by 10%, you get **54, 77.859, 352.237**, and if you desaturate by 10%, it is **61, 65.314, 347.999**.

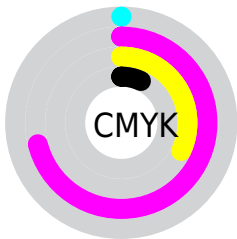
Distribution



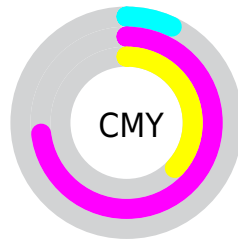
- Red (93%)
- Green (27%)
- Blue (63%)



- Red (93%)
- Yellow (27%)
- Blue (63%)



- Cyan (0%)
- Magenta (71%)
- Yellow (32%)
- Black (7%)



- Cyan (7%)
- Magenta (73%)
- Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 72.721, 349.884 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, 72.721, 349.884 by changing the saturation by 10% instead.

 57, 72.721,
349.884

 57, 72.721,
349.884

 100, 72.721,
349.884

 47, 72.721,
349.884

 77, 72.721,
349.884

 37, 72.721,
349.884

 87, 72.721,
349.884

 27, 72.721,
349.884

 97, 72.721,
349.884

 17, 72.721,
349.884

 7, 72.721, 349.884

 0, 72.721, 349.884

57, 72.721,
349.884

57, 72.721,
349.884

54, 77.859,
352.237

61, 65.314,
347.999

53, 80.502,
355.205

65, 56.167,
346.450

52, 81.171,
358.286

70, 45.858,
345.143

75, 34.903,
344.011

81, 23.696,
343.007

87, 12.508,
342.095

93, 1.512, 341.023

99, 7.079, 165.954

Harmonies

Complementary

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



57, 72.721, 349.884



84, 71.294, 152.541

Rectangle

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



57, 72.721, 349.884



57, 72.721, 39.884



57, 72.721, 169.884



57, 72.721, 219.884

Sweetspot

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



57, 72.717, 349.885



87, 24.591, 342.978



47, 97.111, 311.160



44, 16.672, 343.245



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, 72.717, 349.885



57, 83.702, 353.614



55, 73.237, 27.794



47, 6.263, 341.927



40, 66.944, 357.599



8, 29.944, 352.038

Inverse Universe

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



57, 72.717, 349.885



57, 83.702, 353.614



86, 44.739, 190.738



47, 6.263, 341.927



40, 66.944, 357.599



8, 29.944, 352.038

Previews

White Background



This preview shows how the CIELCh color 57, 72.721, 349.884 looks on a white background.

Color Contrast Check

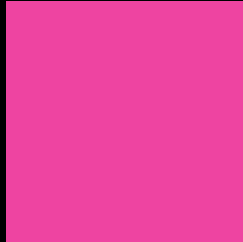
Large Text (above 18pt) WCAG AA ✓ Pass

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, 72.721, 349.884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

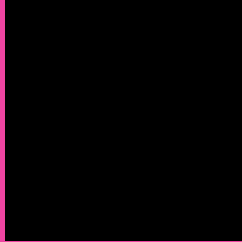
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 72.721, 349.884

Background



This preview shows how black text looks on a background with the CIELCh color 57, 72.721, 349.884.

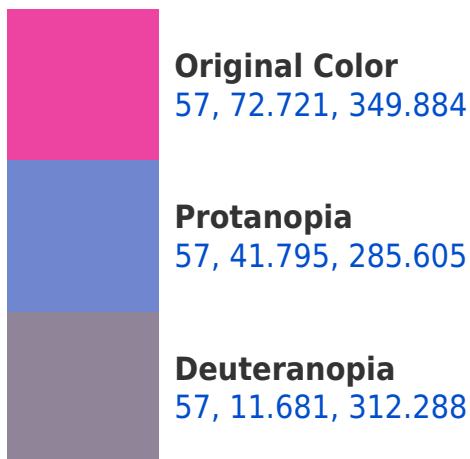


This preview shows how white text looks on a background with the CIELCh color 57, 72.721, 349.884.

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, 63.138, 25.986

Trichromacy



Original Color
57, 72.721, 349.884



Protanomaly
54, 48.532, 313.945



Deuteranomaly
55, 36.663, 338.658



Tritanomaly
57, 63.410, 11.633

Monochromacy



Original Color
57, 72.721, 349.884



Achromatopsia
54, 0.007, 296.813



Achromatomaly
53, 30.251, 344.761

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 72.721, 349.884 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(238, 68, 161)` looks like.

```
.text, #text, p{  
    color:rgb(238, 68, 161)  
}
```

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(238, 68, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 68, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 72.721, 349.884 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(238, 68, 161) }
```

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

```
.border{ border-color:rgb(238, 68, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 68, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 68, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 68, 161);  
box-shadow:4px 4px 4px 4px rgb(238, 68,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 72.721, 349.884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 68, 161) }
```

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

```
.background{ background-color: rgb(238, 68,  
161) }
```

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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