

Converting Colors

CIELCh(57, 71.926, 343.909)

Have a look what the booklet for
CIELCh(57, 71.926, 343.909)
contains.

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Color

CIELCh(57, 71.897, 343.974)

Conversions

Conversions Part 1

Format	Color
Hex	E74AAD
RGB	231, 74, 173
RGB Percent	91%, 29%, 68%
CMY	0.0939, 0.7095, 0.3214
CMYK	0.00, 0.68, 0.25, 0.09
HSL	322°, 77%, 60%
HSV	322°, 68%, 91%
XYZ	42.9735, 24.9227, 42.1062
YIQ	132.2290, 61.7930, 64.0730

Conversions

Conversions Part 2

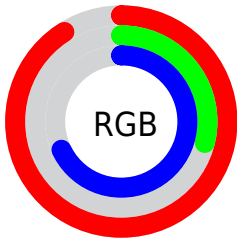
Format	Color
R _Y B	231, 74, 173
Decimal	15157933
CIE Lab	57.00, 69.10, -19.85
CIE LCh	57, 71.897, 343.974
Yxy	24.9227, 0.3907, 0.2266
Android (android.graphics.Color)	4293348013 (0xFFE74AAD)
YUV	132.2290, 20.1001, 86.6222
Hunter-Lab	49.9226, 66.2886, -15.0611

Details

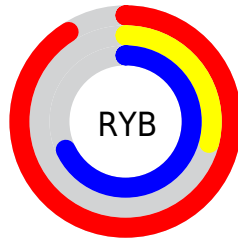
The CIELCh color **57, 71.897, 343.974** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **82, 72.008, 149.514**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 64.734, 334.268**, and **38, 68.572, 344.632** is the 20% darker color. If you saturate the color by 10%, you get **54, 77.803, 345.635**, and if you desaturate by 10%, it is **61, 63.803, 342.593**.

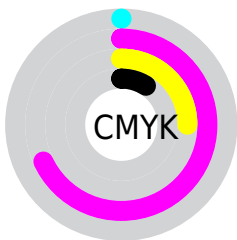
Distribution



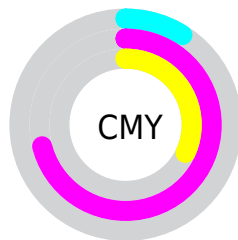
- Red (91%)
- Green (29%)
- Blue (68%)



- Red (91%)
- Yellow (29%)
- Blue (68%)



- Cyan (0%)
- Magenta (68%)
- Yellow (25%)
- Black (9%)





- Cyan (9%)
- Magenta (71%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 71.897, 343.974 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, 71.897, 343.974 by changing the saturation by 10% instead.


 57, 71.897,
343.974


 57, 71.897,
343.974


 100, 71.897,
343.974


 47, 71.897,
343.974


 77, 71.897,
343.974

 37, 71.897,
343.974

 87, 71.897,
343.974

 27, 71.897,
343.974

 97, 71.897,
343.974

 17, 71.897,
343.974

 7, 71.897, 343.974

 0, 71.897, 343.974

57, 71.897,
343.974

57, 71.897,
343.974

54, 77.803,
345.635

61, 63.803,
342.593

52, 81.152,
347.679

65, 54.093,
341.411

51, 82.028,
350.205

70, 43.335,
340.372

51, 82.083,
350.760

75, 32.013,
339.438

81, 20.485,
338.582

87, 8.998, 337.776

93, 2.291, 157.272

98, 10.954,
159.351

Harmonies

Complementary

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



57, 71.897, 343.974



82, 72.008, 149.514

Rectangle

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



57, 71.897, 343.974



57, 71.897, 33.974



57, 71.897, 163.974



57, 71.897, 213.974

Sweetspot

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



57, 71.894, 343.975



87, 24.762, 338.762



46, 90.971, 308.874



45, 16.915, 339.001



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, 71.894, 343.975



58, 85.802, 346.500



55, 65.696, 20.475



45, 6.407, 337.897



39, 67.883, 350.246



7, 29.325, 345.789

Inverse Universe

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



57, 71.894, 343.975



58, 85.802, 346.500



84, 45.302, 182.162



45, 6.407, 337.897



39, 67.883, 350.246



7, 29.325, 345.789

Previews

White Background



This preview shows how the CIELCh color 57, 71.897, 343.974 looks on a white background.

Color Contrast Check

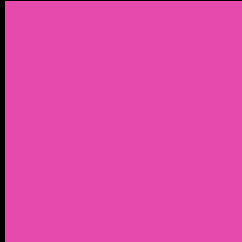
Large Text (above 18pt) WCAG AA ✓ Pass

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, 71.897, 343.974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

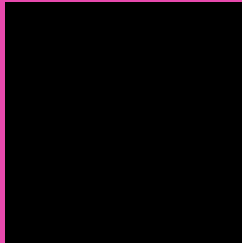
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 71.897, 343.974

Background



This preview shows how black text looks on a background with the CIELCh color 57, 71.897, 343.974.

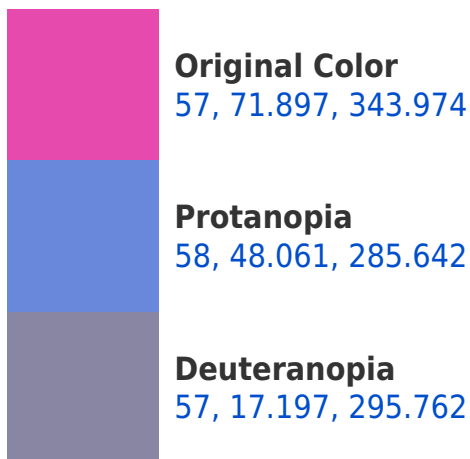


This preview shows how white text looks on a background with the CIELCh color 57, 71.897, 343.974.

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, 56.369, 23.875

Trichromacy



Original Color
57, 71.897, 343.974



Protanomaly
55, 52.565, 308.987



Deuteranomaly
55, 37.949, 328.241



Tritanomaly
57, 58.043, 6.631

Monochromacy



Original Color
57, 71.897, 343.974



Achromatopsia
55, 0.007, 296.813



Achromatomaly
54, 29.995, 339.867

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 71.897, 343.974 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, 74, 173)` looks like.

```
.text, #text, p{  
    color:rgb(231, 74, 173)  
}
```

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, 74, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 74, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 71.897, 343.974 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, 74, 173) }
```

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

```
.border{ border-color:rgb(231, 74, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 74, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 74, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 74, 173);  
box-shadow:4px 4px 4px 4px rgb(231, 74,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 71.897, 343.974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 74, 173) }
```

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

```
.background{ background-color: rgb(231, 74,  
173) }
```

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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