

Converting Colors

CIELCh(57, 66.005, 346.751)

Have a look what the booklet for
CIELCh(57, 66.005, 346.751)
contains.

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Color

CIELCh(57, 66.132, 346.701)

Conversions

Conversions Part 1

Format	Color
Hex	E351A5
RGB	227, 81, 165
RGB Percent	89%, 32%, 65%
CMY	0.1099, 0.6824, 0.3530
CMYK	0.00, 0.64, 0.27, 0.11
HSL	325°, 72%, 60%
HSV	325°, 64%, 89%
XYZ	41.3993, 24.9227, 38.2135
YIQ	134.2300, 60.0520, 57.0760

Conversions

Conversions Part 2

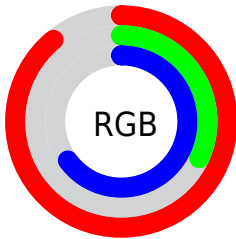
Format	Color
R _{YB}	227, 81, 165
Decimal	14897573
CIE Lab	57.00, 64.36, -15.21
CIE LCh	57, 66.132, 346.701
Yxy	24.9227, 0.3960, 0.2384
Android (android.graphics.Color)	4293087653 (0xFFE351A5)
YUV	134.2300, 15.1696, 81.3593
Hunter-Lab	49.9226, 60.6601, -10.4380

Details

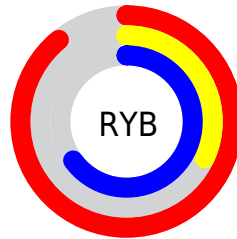
The CIELCh color **57, 66.132, 346.701** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **81, 64.724, 152.509**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 58.848, 337.813**, and **37, 66.109, 346.862** is the 20% darker color. If you saturate the color by 10%, you get **54, 72.712, 348.538**, and if you desaturate by 10%, it is **61, 57.673, 345.190**.

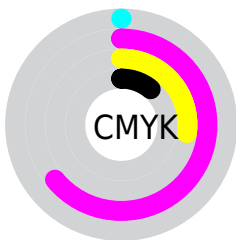
Distribution



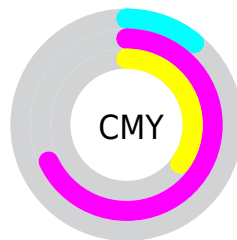
- Red (89%)
- Green (32%)
- Blue (65%)



- Red (89%)
- Yellow (32%)
- Blue (65%)



- Cyan (0%)
- Magenta (64%)
- Yellow (27%)
- Black (11%)





- Cyan (11%)
- Magenta (68%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 66.132, 346.701 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, 66.132, 346.701 by changing the saturation by 10% instead.


 57, 66.132,
346.701


 57, 66.132,
346.701


 100, 66.132,
346.701


 47, 66.132,
346.701


 77, 66.132,
346.701

 37, 66.132,
346.701

 87, 66.132,
346.701

 27, 66.132,
346.701

 97, 66.132,
346.701

 17, 66.132,
346.701

 7, 66.132, 346.701

 0, 66.132, 346.701

57, 66.132,
346.701

57, 66.132,
346.701

54, 72.712,
348.538

61, 57.673,
345.190

51, 76.969,
350.822

66, 47.909,
343.911

50, 78.772,
353.691

71, 37.361,
342.800

49, 79.054,
355.557

76, 26.450,
341.813

82, 15.472,
340.916

88, 4.624, 340.044

94, 5.976, 159.462

98, 11.844,
164.896

Harmonies

Complementary

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



57, 66.132, 346.701



81, 64.724, 152.509

Rectangle

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



57, 66.132, 346.701



57, 66.132, 36.701



57, 66.132, 166.701



57, 66.132, 216.701

Sweetspot

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



57, 66.129, 346.702



88, 22.643, 341.337



48, 84.923, 309.962



45, 15.611, 341.598



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, 66.129, 346.702



59, 81.168, 349.208



55, 62.324, 22.958



45, 6.163, 340.500



39, 66.220, 354.961



7, 28.502, 349.464

Inverse Universe

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



57, 66.129, 346.702



59, 81.168, 349.208



83, 41.609, 187.620



45, 6.163, 340.500



39, 66.220, 354.961



7, 28.502, 349.464

Previews

White Background



This preview shows how the CIELCh color 57, 66.132, 346.701 looks on a white background.

Color Contrast Check

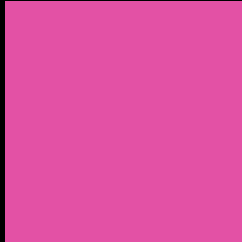
Large Text (above 18pt) WCAG AA ✓ Pass

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, 66.132, 346.701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

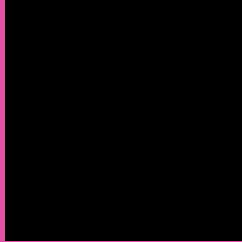
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 66.132, 346.701

Background



This preview shows how black text looks on a background with the CIELCh color 57, 66.132, 346.701.

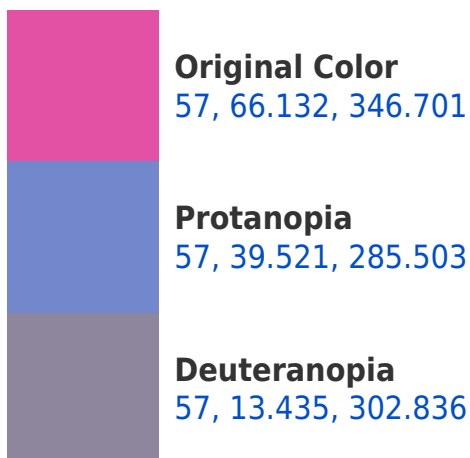


This preview shows how white text looks on a background with the CIELCh color 57, 66.132, 346.701.

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, 54.034, 22.771

Trichromacy



Original Color
57, 66.132, 346.701



Protanomaly
55, 45.152, 312.099



Deuteranomaly
56, 33.247, 333.033



Tritanomaly
57, 55.354, 7.729

Monochromacy



Original Color
57, 66.132, 346.701



Achromatopsia
56, 0.007, 296.813



Achromatomaly
55, 26.739, 342.936

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 66.132, 346.701 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(227, 81, 165)` looks like.

```
.text, #text, p{  
    color:rgb(227, 81, 165)  
}
```

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(227, 81, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 81, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 66.132, 346.701 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(227, 81, 165) }
```

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

```
.border{ border-color:rgb(227, 81, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 81, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 81, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 81, 165);  
box-shadow:4px 4px 4px 4px rgb(227, 81,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 66.132, 346.701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 81, 165) }
```

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

```
.background{ background-color: rgb(227, 81,  
165) }
```

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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