

Converting Colors

CIELCh(58, 67.199, 345.070)

Have a look what the booklet for
CIELCh(58, 67.199, 345.070)
contains.

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Color

CIELCh(58, 67.371, 345.237)

Conversions

Conversions Part 1

Format	Color
Hex	E653AB
RGB	230, 83, 171
RGB Percent	90%, 33%, 67%
CMY	0.0979, 0.6744, 0.3293
CMYK	0.00, 0.64, 0.26, 0.10
HSL	324°, 75%, 61%
HSV	324°, 64%, 90%
XYZ	43.0927, 25.9610, 41.2819
YIQ	136.9850, 59.3640, 58.5320

Conversions

Conversions Part 2

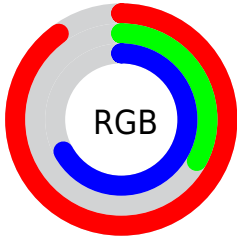
Format	Color
R _Y B	230, 83, 171
Decimal	15094699
CIE Lab	58.00, 65.15, -17.17
CIE LCh	58, 67.371, 345.237
Yxy	25.9610, 0.3906, 0.2353
Android (android.graphics.Color)	4293284779 (0xFFE653AB)
YUV	136.9850, 16.7694, 81.5742
Hunter-Lab	50.9519, 61.8009, -12.3712

Details

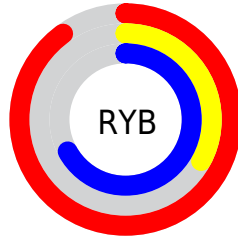
The CIELCh color **58, 67.371, 345.237** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **82, 66.390, 151.544**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 59.750, 335.671**, and **38, 67.443, 345.228** is the 20% darker color. If you saturate the color by 10%, you get **55, 74.133, 346.937**, and if you desaturate by 10%, it is **62, 58.691, 343.826**.

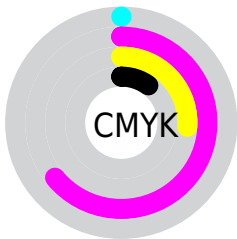
Distribution



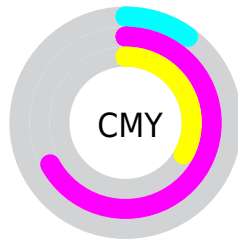
- Red (90%)
- Green (33%)
- Blue (67%)



- Red (90%)
- Yellow (33%)
- Blue (67%)



- Cyan (0%)
- Magenta (64%)
- Yellow (26%)
- Black (10%)





- Cyan (10%)
- Magenta (67%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 67.371, 345.237 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 58, 67.371, 345.237 by changing the saturation by 10% instead.


 58, 67.371,
345.237

 58, 67.371,
345.237


 100, 67.371,
345.237


 48, 67.371,
345.237


 78, 67.371,
345.237

 38, 67.371,
345.237

 88, 67.371,
345.237

 28, 67.371,
345.237

 98, 67.371,
345.237

 18, 67.371,
345.237

 8, 67.371, 345.237

 0, 67.371, 345.237

58, 67.371,
345.237

58, 67.371,
345.237

55, 74.133,
346.937

62, 58.691,
343.826

52, 78.516,
349.035

67, 48.680,
342.620

51, 80.362,
351.660

72, 37.869,
341.562

50, 80.594,
353.507

77, 26.682,
340.615

83, 15.422,
339.747

89, 4.289, 338.893

95, 6.597, 158.327

98, 10.146,
168.300

Harmonies

Complementary

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



58, 67.371, 345.237



82, 66.390, 151.544

Rectangle

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



58, 67.371, 345.237



58, 67.371, 35.237



58, 67.371, 165.237



58, 67.371, 215.237

Sweetspot

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



58, 67.368, 345.238



88, 23.003, 340.191



49, 85.330, 309.493



45, 15.856, 340.443



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



58, 67.368, 345.238



59, 82.128, 347.627



56, 62.217, 21.614



45, 6.264, 339.378



39, 66.857, 352.932



7, 28.833, 347.879

Inverse Universe

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



58, 67.368, 345.238



59, 82.128, 347.627



84, 42.378, 185.932



45, 6.264, 339.378



39, 66.857, 352.932



7, 28.833, 347.879

Previews

White Background



This preview shows how the CIELCh color 58, 67.371, 345.237 looks on a white background.

Color Contrast Check

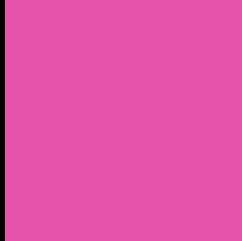
Large Text (above 18pt) WCAG AA ✓ Pass

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 58, 67.371, 345.237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

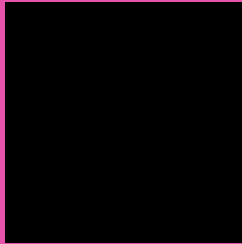
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 67.371, 345.237

Background



This preview shows how black text looks on a background with the CIELCh color 58, 67.371, 345.237.

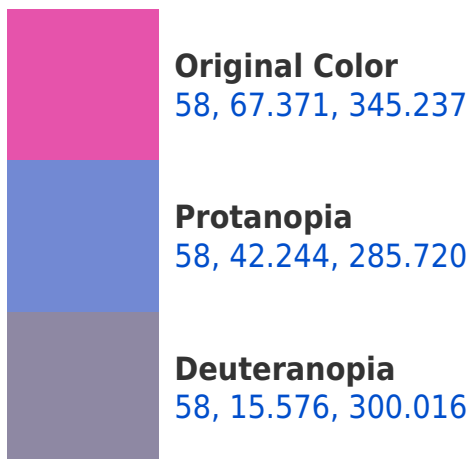


This preview shows how white text looks on a background with the CIELCh color 58, 67.371, 345.237.

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
58, 53.422, 22.500

Trichromacy



Original Color
58, 67.371, 345.237



Protanomaly
56, 47.084, 310.875



Deuteranomaly
57, 34.820, 330.486



Tritanomaly
58, 55.351, 6.442

Monochromacy



Original Color
58, 67.371, 345.237



Achromatopsia
57, 0.007, 296.813



Achromatomaly
56, 27.622, 341.576

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 67.371, 345.237 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(230, 83, 171)` looks like.

```
.text, #text, p{  
    color:rgb(230, 83, 171)  
}
```

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(230, 83, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 83, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 67.371, 345.237 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(230, 83, 171) }
```

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

```
.border{ border-color:rgb(230, 83, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 83, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 83, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 83, 171);  
box-shadow:4px 4px 4px 4px rgb(230, 83,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 67.371, 345.237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 83, 171) }
```

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

```
.background{ background-color: rgb(230, 83,  
171) }
```

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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