

Converting Colors

CIELCh(59, 63.033, 346.529)

Have a look what the booklet for
CIELCh(59, 63.033, 346.529)
contains.

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Color

CIELCh(59, 62.991, 346.667)

Conversions

Conversions Part 1

Format	Color
Hex	E55BA9
RGB	229, 91, 169
RGB Percent	90%, 36%, 66%
CMY	0.1017, 0.6429, 0.3370
CMYK	0.00, 0.60, 0.26, 0.10
HSL	326°, 73%, 63%
HSV	326°, 60%, 90%
XYZ	43.2465, 27.0277, 40.5023
YIQ	141.1540, 57.2100, 53.5140

Conversions

Conversions Part 2

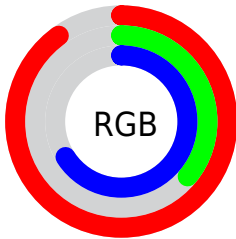
Format	Color
R _Y B	229, 91, 169
Decimal	15031209
CIE Lab	59.00, 61.29, -14.53
CIE LCh	59, 62.991, 346.667
Yxy	27.0277, 0.3904, 0.2440
Android (android.graphics.Color)	4293221289 (0xFFE55BA9)
YUV	141.1540, 13.7281, 77.0409
Hunter-Lab	51.9882, 57.5063, -9.7991

Details

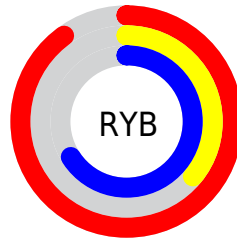
The CIELCh color **59, 62.991, 346.667** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **82, 61.155, 153.633**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **75, 55.052, 336.952**, and **39, 63.025, 346.633** is the 20% darker color. If you saturate the color by 10%, you get **55, 70.432, 348.410**, and if you desaturate by 10%, it is **63, 53.898, 345.223**.

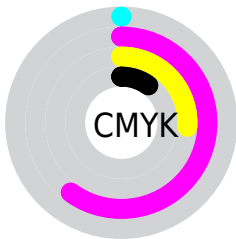
Distribution



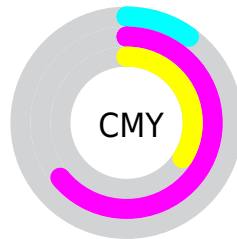
- Red (90%)
- Green (36%)
- Blue (66%)



- Red (90%)
- Yellow (36%)
- Blue (66%)



- Cyan (0%)
- Magenta (60%)
- Yellow (26%)
- Black (10%)





- Cyan (10%)
- Magenta (64%)
- Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 62.991, 346.667 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 59, 62.991, 346.667 by changing the saturation by 10% instead.


 59, 62.991,
346.667

 59, 62.991,
346.667

 100, 62.991,
346.667

 49, 62.991,
346.667


 79, 62.991,
346.667

 39, 62.991,
346.667

 89, 62.991,
346.667

 29, 62.991,
346.667

 99, 62.991,
346.667

 19, 62.991,
346.667

 9, 62.991, 346.667

 0, 62.991, 346.667

59, 62.991,
346.667

59, 62.991,
346.667

55, 70.432,
348.410

63, 53.898,
345.223

53, 75.710,
350.565

68, 43.728,
343.992

51, 78.534,
353.274

73, 32.966,
342.915

50, 79.308,
356.505

79, 21.981,
341.953

85, 11.028,
341.070

91, 0.267, 338.729

97, 10.212,
159.636

98, 9.535, 179.281

Harmonies

Complementary

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



59, 62.991, 346.667



82, 61.155, 153.633

Rectangle

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



59, 62.991, 346.667



59, 62.991, 36.667



59, 62.991, 166.667



59, 62.991, 216.667

Sweetspot

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



59, 62.988, 346.668



88, 21.290, 341.759



52, 80.233, 310.200



45, 14.824, 342.026



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



59, 62.988, 346.668



61, 77.848, 348.840



57, 58.926, 22.949



45, 6.119, 341.003



39, 65.972, 355.866



7, 28.366, 350.172

Inverse Universe

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



59, 62.988, 346.668



61, 77.848, 348.840



84, 39.799, 189.670



45, 6.119, 341.003



39, 65.972, 355.866



7, 28.366, 350.172

Previews

White Background



This preview shows how the CIELCh color 59, 62.991, 346.667 looks on a white background.

Color Contrast Check

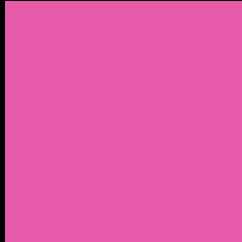
Large Text (above 18pt) WCAG AA ✓ Pass

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 59, 62.991, 346.667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

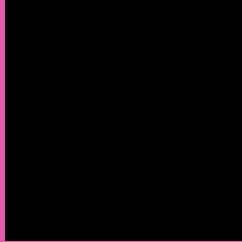
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 62.991, 346.667

Background



This preview shows how black text looks on a background with the CIELCh color 59, 62.991, 346.667.

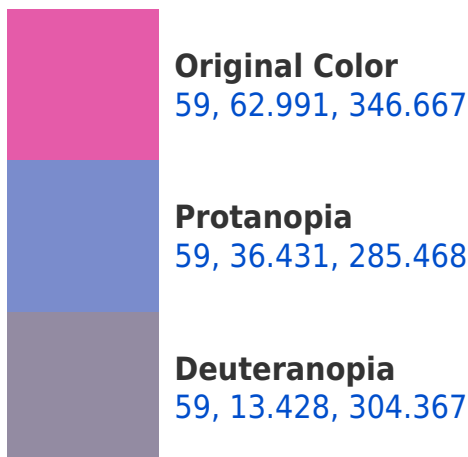


This preview shows how white text looks on a background with the CIELCh color 59, 62.991, 346.667.

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
59, 50.917, 21.163

Trichromacy



Original Color
59, 62.991, 346.667



Protanomaly
57, 41.588, 312.961



Deuteranomaly
58, 31.771, 333.186



Tritanomaly
59, 52.918, 6.565

Monochromacy



Original Color
59, 62.991, 346.667



Achromatopsia
59, 0.008, 296.813



Achromatomaly
57, 24.984, 342.998

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 62.991, 346.667 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(229, 91, 169)` looks like.

```
.text, #text, p{  
    color:rgb(229, 91, 169)  
}
```

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(229, 91, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 91, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 62.991, 346.667 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(229, 91, 169) }
```

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

```
.border{ border-color:rgb(229, 91, 169) }
```

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

Here you see how a box with a 4 pixel rgb(229, 91, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 91, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 91, 169);  
box-shadow:4px 4px 4px 4px rgb(229, 91,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 62.991, 346.667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 91, 169) }
```

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

```
.background{ background-color: rgb(229, 91,  
169) }
```

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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