

Converting Colors

CIELCh(59, 62.275, 347.275)

Have a look what the booklet for
CIELCh(59, 62.275, 347.275)
contains.

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Color

CIELCh(59, 62.274, 347.235)

Conversions

Conversions Part 1

Format	Color
Hex	E55CA8
RGB	229, 92, 168
RGB Percent	90%, 36%, 66%
CMY	0.1032, 0.6403, 0.3423
CMYK	0.00, 0.60, 0.27, 0.10
HSL	327°, 72%, 63%
HSV	327°, 60%, 90%
XYZ	43.0585, 27.0277, 39.8580
YIQ	141.6270, 57.2560, 52.6800

Conversions

Conversions Part 2

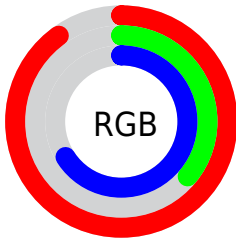
Format	Color
R _Y B	229, 92, 168
Decimal	15031464
CIE _{Lab}	59.00, 60.73, -13.76
CIE _{LCh}	59, 62.274, 347.235
Y _{xy}	27.0277, 0.3916, 0.2458
Android (android.graphics.Color)	4293221544 (0xFFE55CA8)
YUV	141.6270, 13.0019, 76.6261
Hunter-Lab	51.9882, 56.8606, -9.0643

Details

The CIELCh color **59, 62.274, 347.235** 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, 60.233, 154.165**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **75, 54.136, 337.455**, and **39, 62.256, 347.241** is the 20% darker color. If you saturate the color by 10%, you get **55, 69.759, 349.015**, and if you desaturate by 10%, it is **63, 53.176, 345.764**.

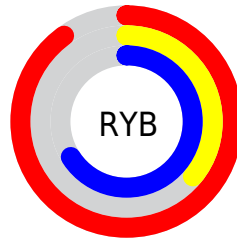
Distribution



Red (90%)

Green (36%)

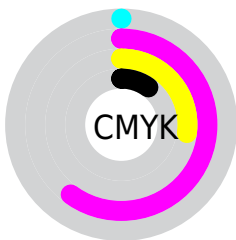
Blue (66%)



Red (90%)

Yellow (36%)

Blue (66%)

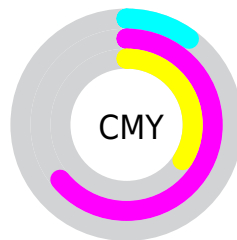


Cyan (0%)

Magenta (60%)

Yellow (27%)

Black (10%)



Cyan (10%)


Magenta (64%)


Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 62.274, 347.235 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, 62.274, 347.235 by changing the saturation by 10% instead.


 59, 62.274,
347.235

 59, 62.274,
347.235


 100, 62.274,
347.235

 49, 62.274,
347.235


 79, 62.274,
347.235

 39, 62.274,
347.235

 89, 62.274,
347.235

 29, 62.274,
347.235

 99, 62.274,
347.235

 19, 62.274,
347.235

 9, 62.274, 347.235

 0, 62.274, 347.235

59, 62.274,
347.235

59, 62.274,
347.235

55, 69.759,
349.015

63, 53.176,
345.764

53, 75.119,
351.221

68, 43.036,
344.512

51, 78.056,
353.998

74, 32.331,
343.421

50, 78.940,
357.410

79, 21.424,
342.448

50, 78.947,
357.447

85, 10.561,
341.555

91, 0.102, 164.978

97, 10.478,
160.112

98, 9.577, 180.695

Harmonies

Complementary

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



59, 62.274, 347.235



82, 60.233, 154.165

Rectangle

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



59, 62.274, 347.235



59, 62.274, 37.235



59, 62.274, 167.235



59, 62.274, 217.235

Sweetspot

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



59, 62.271, 347.236



88, 21.144, 342.283



52, 79.669, 310.180



45, 14.723, 342.554



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, 62.271, 347.236



61, 77.459, 349.529



57, 58.482, 22.848



45, 6.076, 341.517



39, 65.742, 356.790



7, 28.233, 350.897

Inverse Universe

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



59, 62.271, 347.236



61, 77.459, 349.529



84, 39.599, 189.695



45, 6.076, 341.517



39, 65.742, 356.790



7, 28.233, 350.897

Previews

White Background



This preview shows how the CIELCh color 59, 62.274, 347.235 looks on a white background.

Color Contrast Check

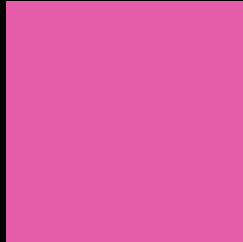
Large Text (above 18pt) WCAG AA ✓ Pass

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, 62.274, 347.235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

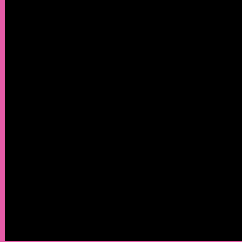
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 62.274, 347.235

Background



This preview shows how black text looks on a background with the CIELCh color 59, 62.274, 347.235.

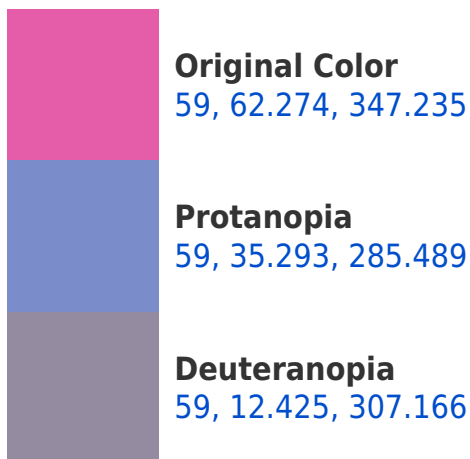


This preview shows how white text looks on a background with the CIELCh color 59, 62.274, 347.235.

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, 50.560, 21.631

Trichromacy



Original Color
59, 62.274, 347.235

Protanomaly
57, 41.068, 313.212

Deuteranomaly
58, 30.985, 334.613

Tritanomaly
59, 52.450, 7.504

Monochromacy



Original Color
59, 62.274, 347.235

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, 62.274, 347.235 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, 92, 168)` looks like.

```
.text, #text, p{  
    color:rgb(229, 92, 168)  
}
```

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, 92, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 92, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 62.274, 347.235 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, 92, 168) }
```

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

```
.border{ border-color:rgb(229, 92, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 92, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 92, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 92, 168);  
box-shadow:4px 4px 4px 4px rgb(229, 92,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 62.274, 347.235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 92, 168) }
```

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

```
.background{ background-color: rgb(229, 92,  
168) }
```

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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