

Converting Colors

CIELCh(59, 65.034, 347.873)

Have a look what the booklet for
CIELCh(59, 65.034, 347.873)
contains.

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Color

CIELCh(59, 65.041, 347.829)

Conversions

Conversions Part 1	
Format	Color
Hex	E958A8
RGB	233, 88, 168
RGB Percent	91%, 35%, 66%
CMY	0.0874, 0.6559, 0.3422
CMYK	0.00, 0.62, 0.28, 0.09
HSL	327°, 76%, 63%
HSV	327°, 62%, 91%
XYZ	44.0223, 27.0277, 39.8187
YIQ	140.4750, 60.7400, 55.6200

Conversions

Conversions Part 2

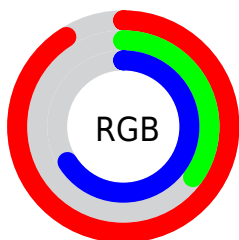
Format	Color
RYB	233, 88, 168
Decimal	15292584
CIELab	59.00, 63.58, -13.71
CIELCh	59, 65.041, 347.829
Yxy	27.0277, 0.3971, 0.2438
Android (android.graphics.Color)	4293482664 (0xFFE958A8)
YUV	140.4750, 13.5698, 81.1444
Hunter-Lab	51.9882, 60.1699, -9.0195

Details

The CIELCh color **59, 65.041, 347.829** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **83, 62.986, 153.907**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 55.867, 337.193**, and **39, 65.055, 347.634** is the 20% darker color. If you saturate the color by 10%, you get **56, 72.141, 349.720**, and if you desaturate by 10%, it is **63, 56.168, 346.278**.

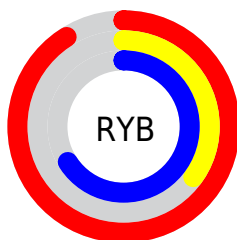
Distribution



Red (91%)

Green (35%)

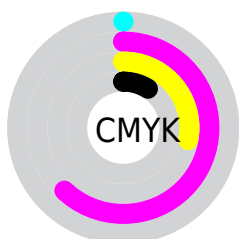
Blue (66%)



Red (91%)

Yellow (35%)

Blue (66%)

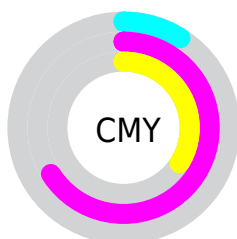


Cyan (0%)

Magenta (62%)

Yellow (28%)

Black (9%)



Cyan (9%)


Magenta (66%)


Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 65.041, 347.829 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, 65.041, 347.829 by changing the saturation by 10% instead.


 59, 65.041,
347.829

 59, 65.041,
347.829


 100, 65.041,
347.829


 49, 65.041,
347.829


 79, 65.041,
347.829

 39, 65.041,
347.829

 89, 65.041,
347.829

 29, 65.041,
347.829

 99, 65.041,
347.829

 19, 65.041,
347.829

 9, 65.041, 347.829

 0, 65.041, 347.829

59, 65.041,
347.829

59, 65.041,
347.829

56, 72.141,
349.720

63, 56.168,
346.278

53, 76.985,
352.077

68, 46.106,
344.969

51, 79.366,
355.050

73, 35.365,
343.836

51, 79.907,
357.768

79, 24.344,
342.832

85, 13.318,
341.920

91, 2.467, 340.961

97, 8.109, 160.443

98, 7.945, 184.742

Harmonies

Complementary

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



59, 65.041, 347.829



83, 62.986, 153.907

Rectangle

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



59, 65.041, 347.829



59, 65.041, 37.829



59, 65.041, 167.829



59, 65.041, 217.829

Sweetspot

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



59, 65.038, 347.830



88, 22.291, 342.531



51, 83.993, 310.314



45, 15.371, 342.800



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, 65.038, 347.830



60, 79.181, 350.389



57, 61.876, 23.570



46, 6.174, 341.672



39, 66.363, 357.105



8, 29.172, 351.372

Inverse Universe

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



59, 65.038, 347.830



60, 79.181, 350.389



85, 41.161, 189.519



46, 6.174, 341.672



39, 66.363, 357.105



8, 29.172, 351.372

Previews

White Background



This preview shows how the CIELCh color 59, 65.041, 347.829 looks on a white background.

Color Contrast Check

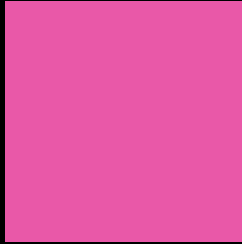
Large Text (above 18pt) WCAG AA ✓ Pass

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, 65.041, 347.829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

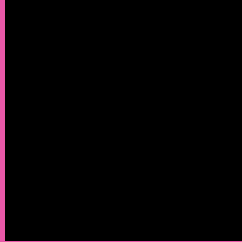
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 65.041, 347.829

Background



This preview shows how black text looks on a background with the CIELCh color 59, 65.041, 347.829.



This preview shows how white text looks on a background with the CIELCh color 59, 65.041, 347.829.

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



Original Color

59, 65.041, 347.829

Protanopia

59, 36.982, 285.685

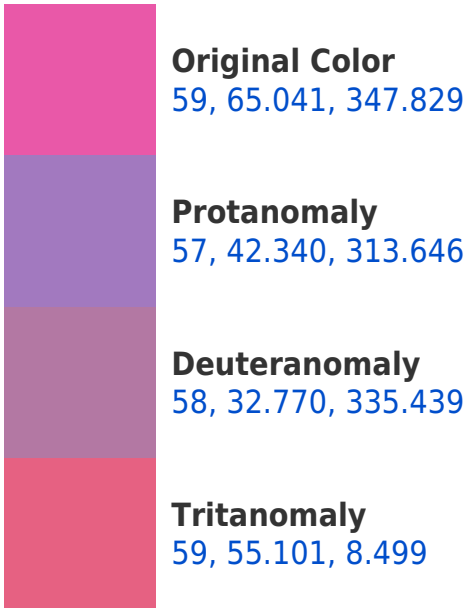
Deuteranopia

59, 12.425, 307.166

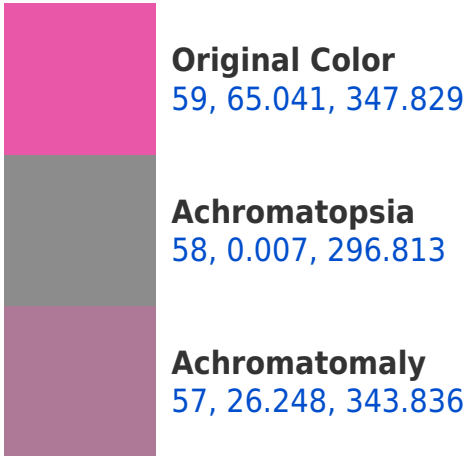


Tritanopia
59, 53.630, 22.410

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 65.041, 347.829 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(233, 88, 168)` looks like.

```
.text, #text, p{  
    color:rgb(233, 88, 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(233, 88, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 88, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 65.041, 347.829 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(233, 88, 168) }
```

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

```
.border{ border-color:rgb(233, 88, 168) }
```

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

Here you see how a box with a 4 pixel rgb(233, 88, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 88, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 88, 168);  
box-shadow:4px 4px 4px 4px rgb(233, 88,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 65.041, 347.829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 88, 168) }
```

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

```
.background{ background-color: rgb(233, 88,  
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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