

Converting Colors

CIELCh(59, 83.858, 348.001)

Have a look what the booklet for
CIELCh(59, 83.858, 348.001)
contains.

CIELCh(59, 83.700, 347.673)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(59, 83.700, 347.673)

Conversions

Conversions Part 1

Format	Color
Hex	FF35B0
RGB	255, 53, 176
RGB Percent	100%, 21%, 69%
CMY	0.0000, 0.7927, 0.3116
CMYK	0.00, 0.79, 0.31, 0.00
HSL	324°, 100%, 60%
HSV	324°, 79%, 100%
XYZ	50.5291, 27.0277, 43.3923
YIQ	127.4200, 80.9090, 81.0770

Conversions

Conversions Part 2

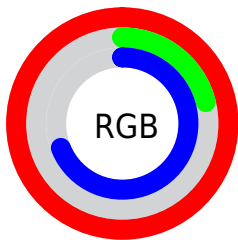
Format	Color
R _Y B	255, 53, 176
Decimal	16725424
CIE _{Lab}	59.00, 81.77, -17.87
CIE _{LCh}	59, 83.700, 347.673
Yxy	27.0277, 0.4178, 0.2235
Android (android.graphics.Color)	4294915504 (0xFFFF35B0)
YUV	127.4200, 23.9499, 111.8877
Hunter-Lab	51.9882, 82.5110, -13.0950

Details

The CIELCh color **59, 83.700, 347.673** is a light color, and the websafe version is hex **FF0099**. The color can be described as light washed rose. A complement of this color would be **89, 85.916, 148.314**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 72.301, 332.966**, and **42, 72.122, 349.852** is the 20% darker color. If you saturate the color by 10%, you get **57, 86.725, 349.866**, and if you desaturate by 10%, it is **62, 77.686, 345.660**.

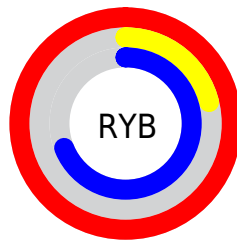
Distribution



Red (100%)

Green (21%)

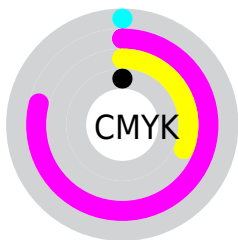
Blue (69%)



Red (100%)

Yellow (21%)

Blue (69%)

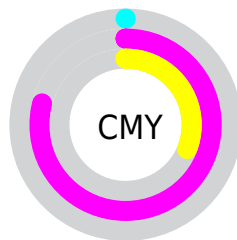


Cyan (0%)

Magenta (79%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (79%)


Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 83.700, 347.673 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, 83.700, 347.673 by changing the saturation by 10% instead.


 59, 83.700,
347.673


 59, 83.700,
347.673


 100, 83.700,
347.673


 49, 83.700,
347.673


 79, 83.700,
347.673

 39, 83.700,
347.673

 89, 83.700,
347.673

 29, 83.700,
347.673

 99, 83.700,
347.673

 19, 83.700,
347.673

 9, 83.700, 347.673

 0, 83.700, 347.673

■ 59, 83.700,
347.673

■ 59, 83.700,
347.673

■ 57, 86.725,
349.866

■ 62, 77.686,
345.660

■ 56, 87.346,
352.748

■ 66, 69.349,
344.124

■ 56, 87.359,
352.969

■ 71, 59.178,
342.830

■ 76, 47.802,
341.709

■ 82, 35.763,
340.714

■ 88, 23.469,
339.812

■ 94, 11.203,
338.973

100, 0.012,

Harmonies

Complementary

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



59, 83.700, 347.673



89, 85.916, 148.314

Rectangle

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



59, 83.700, 347.673



59, 83.700, 37.673



59, 83.700, 167.673



59, 83.700, 217.673

Sweetspot

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



59, 83.594, 347.533



85, 29.292, 340.228



45, 112.683, 309.793



43, 20.141, 340.554



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, 83.594, 347.533



56, 87.295, 351.457



56, 82.784, 26.358



50, 6.871, 338.992



42, 70.579, 352.381



11, 33.262, 348.466

Inverse Universe

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



59, 83.594, 347.533



56, 87.295, 351.457



91, 52.280, 182.543



50, 6.871, 338.992



42, 70.579, 352.381



11, 33.262, 348.466

Previews

White Background



This preview shows how the CIELCh color 59, 83.700, 347.673 looks on a white background.

Color Contrast Check

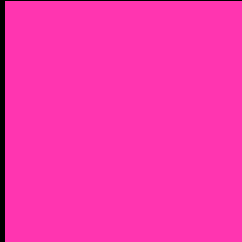
Large Text (above 18pt) WCAG AA ✓ Pass

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, 83.700, 347.673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

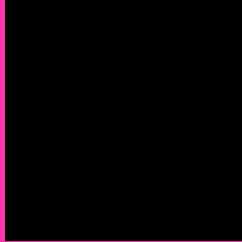
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 83.700, 347.673

Background



This preview shows how black text looks on a background with the CIELCh color 59, 83.700, 347.673.

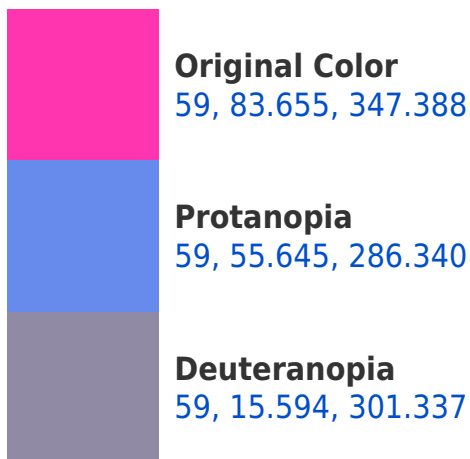


This preview shows how white text looks on a background with the CIELCh color 59, 83.700, 347.673.

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, 71.857, 27.736

Trichromacy



Original Color
59, 83.655, 347.388



Protanomaly
55, 62.927, 310.594



Deuteranomaly
56, 44.681, 333.471



Tritanomaly
58, 71.644, 11.472

Monochromacy



Original Color
59, 83.655, 347.388



Achromatopsia
53, 0.007, 296.813



Achromatomaly
52, 37.896, 341.889

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 83.700, 347.673 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(255, 53, 176)` looks like.

```
.text, #text, p{  
    color:rgb(255, 53, 176)  
}
```

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(255, 53, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 53, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 83.700, 347.673 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(255, 53, 176) }
```

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

```
.border{ border-color:rgb(255, 53, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 53, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 53, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 53, 176);  
box-shadow:4px 4px 4px 4px rgb(255, 53,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 83.700, 347.673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 53, 176) }
```

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

```
.background{ background-color: rgb(255, 53,  
176) }
```

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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