

Converting Colors

CIELCh(59, 84.333, 342.225)

Have a look what the booklet for
CIELCh(59, 84.333, 342.225)
contains.

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Color

CIELCh(59, 84.266, 342.126)

Conversions

Conversions Part 1

Format	Color
Hex	F93BBD
RGB	249, 59, 189
RGB Percent	98%, 23%, 74%
CMY	0.0226, 0.7674, 0.2580
CMYK	0.00, 0.76, 0.24, 0.02
HSL	319°, 94%, 61%
HSV	319°, 76%, 98%
XYZ	49.9433, 27.0277, 50.8539
YIQ	130.6300, 71.5100, 80.7100

Conversions

Conversions Part 2

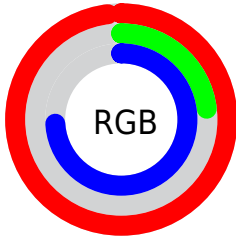
Format	Color
RYB	249, 59, 189
Decimal	16333757
CIELab	59.00, 80.20, -25.86
CIElCh	59, 84.266, 342.126
Yxy	27.0277, 0.3907, 0.2114
Android (android.graphics.Color)	4294523837 (0xFFFF93BBD)
YUV	130.6300, 28.7764, 103.8105
Hunter-Lab	51.9882, 80.4995, -21.6046

Details

The CIELCh color **59, 84.266, 342.126** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **87, 87.416, 145.915**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 75.586, 329.486**, and **42, 74.257, 343.596** is the 20% darker color. If you saturate the color by 10%, you get **57, 88.296, 343.738**, and if you desaturate by 10%, it is **62, 77.457, 340.785**.

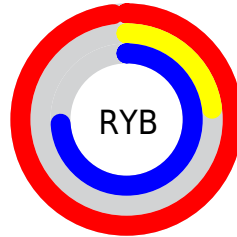
Distribution



Red (98%)

Green (23%)

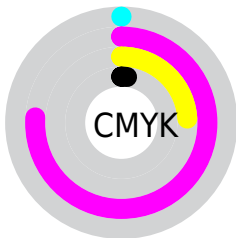
Blue (74%)



Red (98%)

Yellow (23%)

Blue (74%)

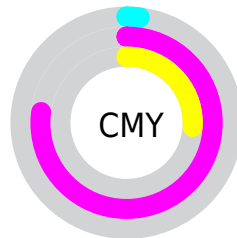


Cyan (0%)

Magenta (76%)

Yellow (24%)

Black (2%)



Cyan (2%)

Magenta (77%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 84.266, 342.126 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, 84.266, 342.126 by changing the saturation by 10% instead.

 59, 84.266,
342.126

 59, 84.266,
342.126

 100, 84.266,
342.126

 49, 84.266,
342.126


 79, 84.266,
342.126

 39, 84.266,
342.126

 89, 84.266,
342.126

 29, 84.266,
342.126

 99, 84.266,
342.126

 19, 84.266,
342.126

 9, 84.266, 342.126

 0, 84.266, 342.126

59, 84.266,
342.126

59, 84.266,
342.126

57, 88.296,
343.738

62, 77.457,
340.785

56, 89.499,
345.707

66, 68.333,
339.636

55, 89.503,
346.533

71, 57.508,
338.623

76, 45.593,
337.707

82, 33.096,
336.866

88, 20.396,
336.079

94, 7.750, 335.320

100, 2.457,
164.753

100, 1.996,
199.611

Harmonies

Complementary

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



59, 84.266, 342.126



87, 87.416, 145.915

Rectangle

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



59, 84.266, 342.126



59, 84.266, 32.126



59, 84.266, 162.126



59, 84.266, 212.126

Sweetspot

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



59, 84.262, 342.126



85, 29.580, 336.611



44, 108.016, 307.894



43, 20.484, 336.902



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, 84.262, 342.126



57, 90.779, 344.654



56, 75.879, 18.603



49, 7.137, 335.572



42, 72.856, 346.120



10, 33.816, 343.196

Inverse Universe

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



59, 84.262, 342.126



57, 90.779, 344.654



89, 54.627, 174.638



49, 7.137, 335.572



42, 72.856, 346.120



10, 33.816, 343.196

Previews

White Background



This preview shows how the CIELCh color 59, 84.266, 342.126 looks on a white background.

Color Contrast Check

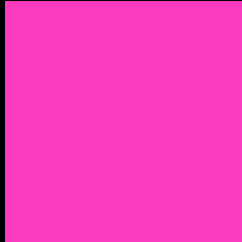
Large Text (above 18pt) WCAG AA ✓ Pass

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, 84.266, 342.126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

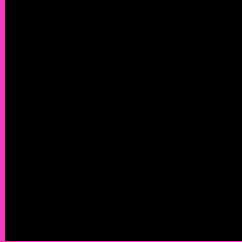
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 84.266, 342.126

Background



This preview shows how black text looks on a background with the CIELCh color 59, 84.266, 342.126.



This preview shows how white text looks on a background with the CIELCh color 59, 84.266, 342.126.

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, 84.266, 342.126

Protanopia

60, 62.941, 286.554

Deuteranopia

59, 22.690, 290.985



Tritanopia
59, 65.328, 26.164

Trichromacy



Original Color
59, 84.266, 342.126



Protanomaly
55, 68.266, 306.663



Deuteranomaly
56, 47.519, 324.529



Tritanomaly
59, 67.028, 7.317

Monochromacy



Original Color
59, 84.266, 342.126



Achromatopsia
55, 0.007, 296.813



Achromatomaly
53, 37.147, 338.062

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 84.266, 342.126 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(249, 59, 189)` looks like.

```
.text, #text, p{  
    color:rgb(249, 59, 189)  
}
```

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(249, 59, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 59, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 84.266, 342.126 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(249, 59, 189) }
```

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

```
.border{ border-color:rgb(249, 59, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 59, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 59, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 59, 189);  
box-shadow:4px 4px 4px 4px rgb(249, 59,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 84.266, 342.126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 59, 189) }
```

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

```
.background{ background-color: rgb(249, 59,  
189) }
```

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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