

Converting Colors

CIELCh(59, 84.303, 346.434)

Have a look what the booklet for
CIELCh(59, 84.303, 346.434)
contains.

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Color

CIELCh(59, 84.326, 346.396)

Conversions

Conversions Part 1

Format	Color
Hex	FF35B3
RGB	255, 53, 179
RGB Percent	100%, 21%, 70%
CMY	0.0004, 0.7926, 0.2984
CMYK	0.00, 0.79, 0.30, 0.00
HSL	323°, 100%, 60%
HSV	323°, 79%, 100%
XYZ	50.6002, 27.0277, 45.1537
YIQ	127.7620, 79.9460, 82.0100

Conversions

Conversions Part 2

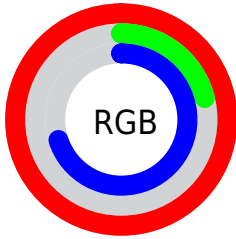
Format	Color
RYB	255, 53, 179
Decimal	16725427
CIELab	59.00, 81.96, -19.83
CIELCh	59, 84.326, 346.396
Yxy	27.0277, 0.4121, 0.2201
Android (android.graphics.Color)	4294915507 (0xFFFF35B3)
YUV	127.7620, 25.2603, 111.5877
Hunter-Lab	51.9882, 82.7551, -15.1038

Details

The CIELCh color **59, 84.326, 346.396** 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, 87.140, 147.624**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 73.396, 332.114**, and **43, 72.732, 348.590** is the 20% darker color. If you saturate the color by 10%, you get **57, 87.448, 348.587**, and if you desaturate by 10%, it is **62, 78.387, 344.629**.

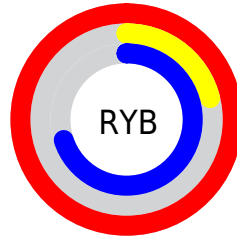
Distribution



Red (100%)

Green (21%)

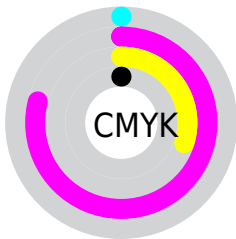
Blue (70%)



Red (100%)

Yellow (21%)

Blue (70%)

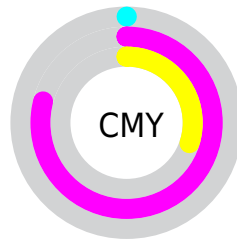


Cyan (0%)

Magenta (79%)

Yellow (30%)

Black (0%)



Cyan (0%)

Magenta (79%)


Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 84.326, 346.396 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, 84.326, 346.396 by changing the saturation by 10% instead.

 59, 84.326,
346.396

 59, 84.326,
346.396

 100, 84.326,
346.396

 49, 84.326,
346.396

 79, 84.326,
346.396

 39, 84.326,
346.396

 89, 84.326,
346.396

 29, 84.326,
346.396

 99, 84.326,
346.396

 19, 84.326,
346.396

 9, 84.326, 346.396

 0, 84.326, 346.396

59, 84.326,
346.396

59, 84.326,
346.396

57, 87.448,
348.587

62, 78.387,
344.629

56, 88.024,
351.285

66, 69.998,
343.170

56, 88.032,
351.498

71, 59.752,
341.933

76, 48.280,
340.853

82, 36.129,
339.888

88, 23.710,
339.009

94, 11.308,
338.188

100, 0.034,

Harmonies

Complementary

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



59, 84.326, 346.396



89, 87.140, 147.624

Rectangle

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



59, 84.326, 346.396



59, 84.326, 36.396



59, 84.326, 166.396



59, 84.326, 216.396

Sweetspot

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



59, 84.322, 346.397



85, 29.629, 339.417



45, 112.844, 309.431



43, 20.369, 339.734



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, 84.322, 346.397



56, 88.024, 350.083



56, 82.056, 25.124



50, 6.953, 338.208



42, 71.152, 350.949



11, 33.547, 347.290

Inverse Universe

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



59, 84.322, 346.397



56, 88.024, 350.083



91, 53.087, 180.757



50, 6.953, 338.208



42, 71.152, 350.949



11, 33.547, 347.290

Previews

White Background



This preview shows how the CIELCh color 59, 84.326, 346.396 looks on a white background.

Color Contrast Check

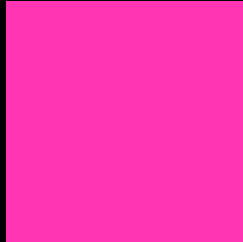
Large Text (above 18pt) WCAG AA ✓ Pass

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, 84.326, 346.396 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, 84.326, 346.396

Background



This preview shows how black text looks on a background with the CIELCh color 59, 84.326, 346.396.

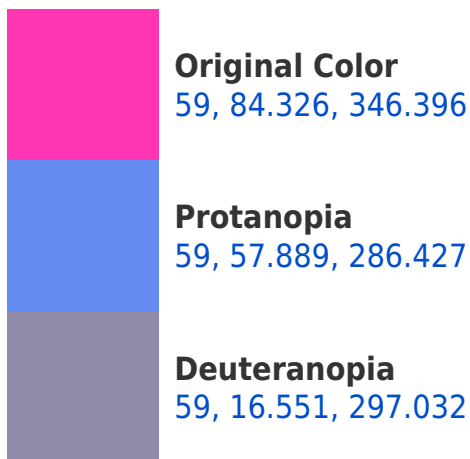


This preview shows how white text looks on a background with the CIELCh color 59, 84.326, 346.396.

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, 70.737, 27.806

Trichromacy



Original Color
59, 84.326, 346.396



Protanomaly
55, 64.417, 309.697



Deuteranomaly
56, 45.050, 331.646



Tritanomaly
59, 70.980, 10.941

Monochromacy



Original Color
59, 84.326, 346.396



Achromatopsia
54, 0.007, 296.813



Achromatomaly
52, 37.931, 340.714

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 84.326, 346.396 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, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 53, 179)  
}
```

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, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 53, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 84.326, 346.396 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, 179) }
```

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

```
.border{ border-color:rgb(255, 53, 179) }
```

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, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 53, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 53, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 53,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 84.326, 346.396 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, 179) }
```

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

```
.background{ background-color: rgb(255, 53,  
179) }
```

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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