

Converting Colors

CIELCh(59, 83.757, 347.011)

Have a look what the booklet for
CIELCh(59, 83.757, 347.011)
contains.

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Color

CIELCh(59, 83.609, 347.104)

Conversions

Conversions Part 1

Format	Color
Hex	FF36B1
RGB	255, 54, 177
RGB Percent	100%, 21%, 69%
CMY	0.0005, 0.7888, 0.3063
CMYK	0.00, 0.79, 0.31, 0.00
HSL	323°, 100%, 61%
HSV	323°, 79%, 100%
XYZ	50.4281, 27.0277, 44.0955
YIQ	128.1210, 80.3130, 80.8650

Conversions

Conversions Part 2

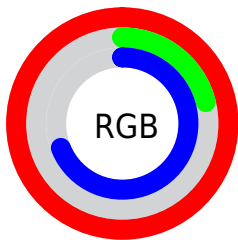
Format	Color
R_{YB}	255, 54, 177
Decimal	16725681
CIE _{Lab}	59.00, 81.50, -18.66
CIE _{LCh}	59, 83.609, 347.104
Yxy	27.0277, 0.4149, 0.2224
Android (android.graphics.Color)	4294915761 (0xFFFF36B1)
YUV	128.1210, 24.0973, 111.2729
Hunter-Lab	51.9882, 82.1640, -13.8970

Details

The CIELCh color **59, 83.609, 347.104** 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, 85.954, 148.180**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 72.137, 332.699**, and **42, 72.321, 349.428** is the 20% darker color. If you saturate the color by 10%, you get **57, 86.843, 349.374**, and if you desaturate by 10%, it is **62, 77.586, 345.279**.

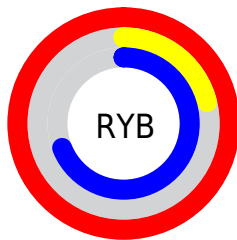
Distribution



Red (100%)

Green (21%)

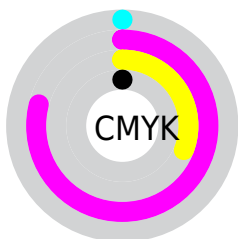
Blue (69%)



Red (100%)

Yellow (21%)

Blue (69%)

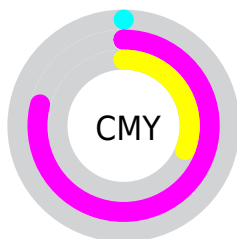


Cyan (0%)

Magenta (79%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (79%)


Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 83.609, 347.104 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, 83.609, 347.104 by changing the saturation by 10% instead.


 59, 83.609,
347.104


 59, 83.609,
347.104

 100, 83.609,
347.104


 49, 83.609,
347.104

 79, 83.609,
347.104

 39, 83.609,
347.104

 89, 83.609,
347.104

 29, 83.609,
347.104

 99, 83.609,
347.104

 19, 83.609,
347.104

 9, 83.609, 347.104

 0, 83.609, 347.104

■ 59, 83.609,
347.104

■ 59, 83.609,
347.104

■ 57, 86.843,
349.374

■ 62, 77.586,
345.279

■ 56, 87.514,
352.182

■ 66, 69.152,
343.778

■ 56, 87.531,
352.518

■ 71, 58.903,
342.509

■ 76, 47.466,
341.406

■ 82, 35.380,
340.424

■ 88, 23.050,
339.532

■ 94, 10.751,
338.700

100, 0.045,

Harmonies

Complementary

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



59, 83.609, 347.104



89, 85.954, 148.180

Rectangle

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



59, 83.609, 347.104



59, 83.609, 37.104



59, 83.609, 167.104



59, 83.609, 217.104

Sweetspot

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



59, 83.605, 347.105



85, 29.394, 339.980



45, 112.189, 309.783



43, 20.210, 340.303



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, 83.605, 347.105



56, 87.510, 351.036



56, 82.378, 26.183



50, 6.895, 338.752



42, 70.748, 351.943



11, 33.347, 348.105

Inverse Universe

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



59, 83.605, 347.105



56, 87.510, 351.036



91, 52.143, 182.590



50, 6.895, 338.752



42, 70.748, 351.943



11, 33.347, 348.105

Previews

White Background



This preview shows how the CIELCh color 59, 83.609, 347.104 looks on a white background.

Color Contrast Check

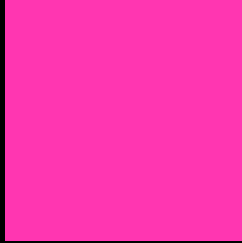
Large Text (above 18pt) WCAG AA ✓ Pass

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, 83.609, 347.104 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, 83.609, 347.104

Background



This preview shows how black text looks on a background with the CIELCh color 59, 83.609, 347.104.

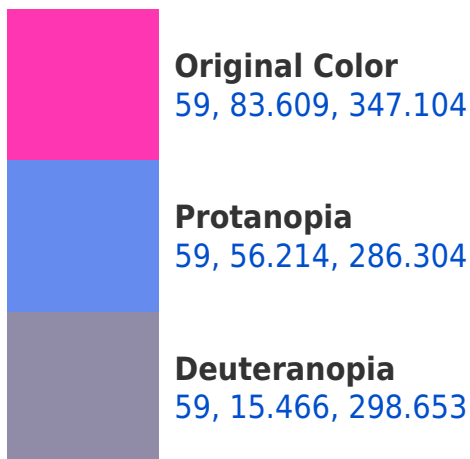


This preview shows how white text looks on a background with the CIELCh color 59, 83.609, 347.104.

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, 70.998, 27.532

Trichromacy



Original Color
59, 83.609, 347.104



Protanomaly
55, 63.408, 310.194



Deuteranomaly
56, 44.252, 332.612



Tritanomaly
58, 70.983, 11.038

Monochromacy



Original Color
59, 83.609, 347.104



Achromatopsia
54, 0.007, 296.813



Achromatomaly
52, 37.602, 341.403

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 83.609, 347.104 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, 54, 177)` looks like.

```
.text, #text, p{  
    color:rgb(255, 54, 177)  
}
```

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, 54, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 54, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 83.609, 347.104 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, 54, 177) }
```

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

```
.border{ border-color:rgb(255, 54, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 54, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 54, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 54, 177);  
box-shadow:4px 4px 4px 4px rgb(255, 54,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 83.609, 347.104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 54, 177) }
```

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

```
.background{ background-color: rgb(255, 54,  
177) }
```

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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