

Converting Colors

CIELCh(59, 84.569, 345.947)

Have a look what the booklet for
CIELCh(59, 84.569, 345.947)
contains.

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Color

CIELCh(59, 84.556, 346.070)

Conversions

Conversions Part 1

Format	Color
Hex	FF35B4
RGB	255, 53, 180
RGB Percent	100%, 21%, 71%
CMY	0.0008, 0.7932, 0.2948
CMYK	0.00, 0.79, 0.29, 0.00
HSL	322°, 100%, 60%
HSV	322°, 79%, 100%
XYZ	50.6411, 27.0277, 45.6289
YIQ	127.8760, 79.6250, 82.3210

Conversions

Conversions Part 2

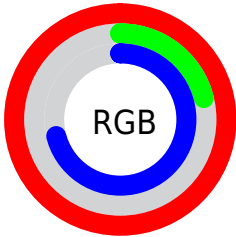
Format	Color
R_{YB}	255, 53, 180
Decimal	16725428
CIE _{Lab}	59.00, 82.07, -20.36
CIE _{LCh}	59, 84.556, 346.070
Yxy	27.0277, 0.4107, 0.2192
Android (android.graphics.Color)	4294915508 (0xFFFF35B4)
YUV	127.8760, 25.6971, 111.4877
Hunter-Lab	51.9882, 82.8954, -15.6458

Details

The CIELCh color **59, 84.556, 346.070** 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, 87.529, 147.409**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 73.765, 331.837**, and **43, 72.944, 348.177** is the 20% darker color. If you saturate the color by 10%, you get **57, 87.662, 348.221**, and if you desaturate by 10%, it is **62, 78.625, 344.332**.

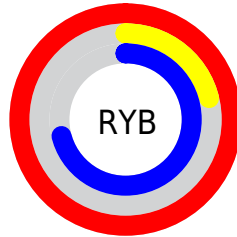
Distribution



Red (100%)

Green (21%)

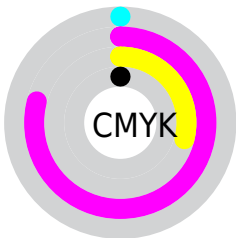
Blue (71%)



Red (100%)

Yellow (21%)

Blue (71%)

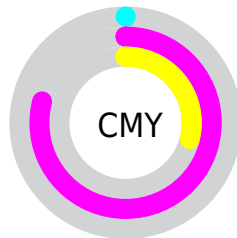


Cyan (0%)

Magenta (79%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (79%)


Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 84.556, 346.070 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, 84.556, 346.070 by changing the saturation by 10% instead.


 59, 84.556,
346.070


 59, 84.556,
346.070


 100, 84.556,
346.070

 49, 84.556,
346.070


 79, 84.556,
346.070

 39, 84.556,
346.070

 89, 84.556,
346.070

 29, 84.556,
346.070

 99, 84.556,
346.070

 19, 84.556,
346.070

 9, 84.556, 346.070

 0, 84.556, 346.070

■ 59, 84.556,
346.070

■ 59, 84.556,
346.070

■ 57, 87.662,
348.221

■ 62, 78.625,
344.332

■ 56, 88.218,
350.866

■ 66, 70.233,
342.895

■ 56, 88.224,
351.060

■ 71, 59.975,
341.673

■ 76, 48.483,
340.604

■ 82, 36.302,
339.648

■ 88, 23.849,
338.776

■ 94, 11.409,
337.960

100, 0.074,

Harmonies

Complementary

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



59, 84.556, 346.070



89, 87.529, 147.409

Rectangle

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



59, 84.556, 346.070



59, 84.556, 36.070



59, 84.556, 166.070



59, 84.556, 216.070

Sweetspot

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



59, 84.552, 346.071



85, 29.731, 339.177



45, 112.861, 309.432



43, 20.439, 339.491



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, 84.552, 346.071



56, 88.255, 349.675



56, 82.072, 25.146



50, 6.978, 337.976



42, 71.334, 350.524



11, 33.636, 346.941

Inverse Universe

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



59, 84.552, 346.071



56, 88.255, 349.675



91, 53.083, 180.751



50, 6.978, 337.976



42, 71.334, 350.524



11, 33.636, 346.941

Previews

White Background



This preview shows how the CIELCh color 59, 84.556, 346.070 looks on a white background.

Color Contrast Check

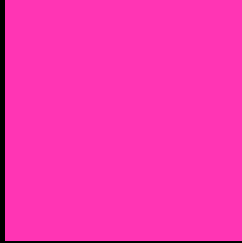
Large Text (above 18pt) WCAG AA ✓ Pass

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, 84.556, 346.070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

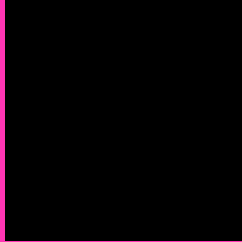
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 84.556, 346.070

Background



This preview shows how black text looks on a background with the CIELCh color 59, 84.556, 346.070.

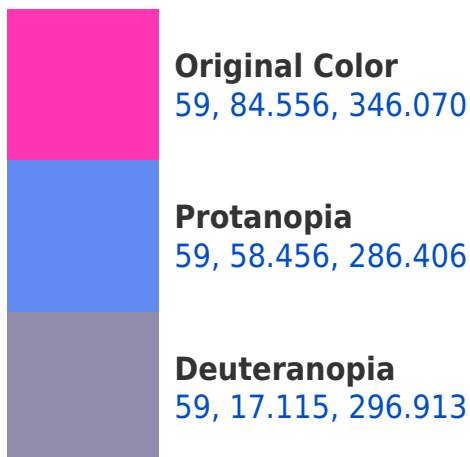


This preview shows how white text looks on a background with the CIELCh color 59, 84.556, 346.070.

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, 84.556, 346.070



Protanomaly
55, 64.907, 309.322



Deuteranomaly
56, 45.454, 331.177



Tritanomaly
58, 70.651, 10.772

Monochromacy



Original Color
59, 84.556, 346.070



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, 84.556, 346.070 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, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 53, 180)  
}
```

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, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 53, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 84.556, 346.070 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, 180) }
```

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

```
.border{ border-color:rgb(255, 53, 180) }
```

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, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 53, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 53, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 53,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 84.556, 346.070 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, 180) }
```

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

```
.background{ background-color: rgb(255, 53,  
180) }
```

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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