

Converting Colors

CIELCh(59, 88.817, 341.475)

Have a look what the booklet for
CIELCh(59, 88.817, 341.475)
contains.

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Color

CIELCh(59, 88.613, 341.496)

Conversions

Conversions Part 1

Format	Color
Hex	FD31C1
RGB	253, 49, 193
RGB Percent	99%, 19%, 76%
CMY	0.0067, 0.8062, 0.2421
CMYK	0.00, 0.80, 0.24, 0.01
HSL	318°, 98%, 59%
HSV	318°, 80%, 99%
XYZ	51.3803, 27.0277, 53.1082
YIQ	126.4120, 75.3600, 88.0320

Conversions

Conversions Part 2

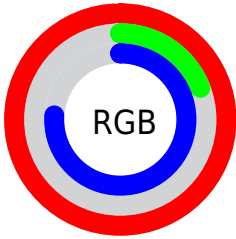
Format	Color
R _Y B	253, 49, 193
Decimal	16593345
CIE _{Lab}	59.00, 84.03, -28.12
CIE _{LCh}	59, 88.613, 341.496
Yxy	27.0277, 0.3907, 0.2055
Android (android.graphics.Color)	4294783425 (0xFFFD31C1)
YUV	126.4120, 32.8279, 111.0177
Hunter-Lab	51.9882, 85.4332, -24.1756

Details

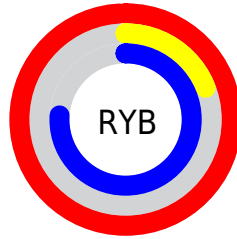
The CIELCh color **59, 88.613, 341.496** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **88, 93.685, 144.339**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 80.151, 328.315**, and **43, 75.706, 343.207** is the 20% darker color. If you saturate the color by 10%, you get **57, 91.468, 343.092**, and if you desaturate by 10%, it is **62, 82.827, 340.167**.

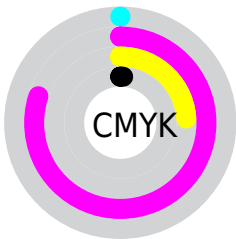
Distribution



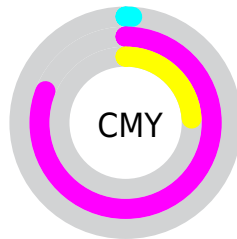
- Red (99%)
- Green (19%)
- Blue (76%)



- Red (99%)
- Yellow (19%)
- Blue (76%)



- Cyan (0%)
- Magenta (80%)
- Yellow (24%)
- Black (1%)



- Cyan (1%)
- Magenta (81%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 88.613, 341.496 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, 88.613, 341.496 by changing the saturation by 10% instead.

 59, 88.613,
341.496

 59, 88.613,
341.496

 100, 88.613,
341.496

 49, 88.613,
341.496

 79, 88.613,
341.496


 39, 88.613,
341.496

 89, 88.613,
341.496

 29, 88.613,
341.496

 99, 88.613,
341.496

 19, 88.613,
341.496

 9, 88.613, 341.496

 0, 88.613, 341.496

■ 59, 88.613,
341.496

■ 59, 88.613,
341.496

■ 57, 91.468,
343.092

■ 62, 82.827,
340.167

■ 56, 91.827,
344.899

■ 65, 74.435,
339.029

■ 70, 64.014,
338.026

■ 75, 52.205,
337.118

■ 81, 39.580,
336.282

■ 87, 26.583,
335.499

■ 93, 13.532,
334.755

■ 99, 0.634, 333.464

100, 0.596,
200.479

Harmonies

Complementary

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



59, 88.613, 341.496



88, 93.685, 144.339

Rectangle

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



59, 88.613, 341.496



59, 88.613, 31.496



59, 88.613, 161.496



59, 88.613, 211.496

Sweetspot

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



59, 88.609, 341.496



85, 31.337, 335.769



42, 114.790, 307.827



43, 21.531, 336.048



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, 88.609, 341.496



57, 92.299, 344.317



56, 79.837, 19.175



50, 7.369, 334.683



43, 74.580, 344.530



11, 35.132, 342.017

Inverse Universe

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



59, 88.609, 341.496



57, 92.299, 344.317



90, 57.962, 172.414



50, 7.369, 334.683



43, 74.580, 344.530



11, 35.132, 342.017

Previews

White Background



This preview shows how the CIELCh color 59, 88.613, 341.496 looks on a white background.

Color Contrast Check

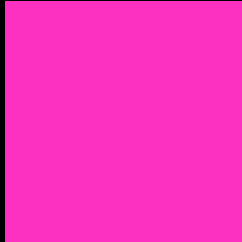
Large Text (above 18pt) WCAG AA ✓ Pass

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, 88.613, 341.496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

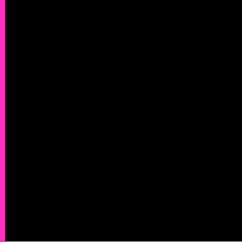
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 88.613, 341.496

Background



This preview shows how black text looks on a background with the CIELCh color 59, 88.613, 341.496.

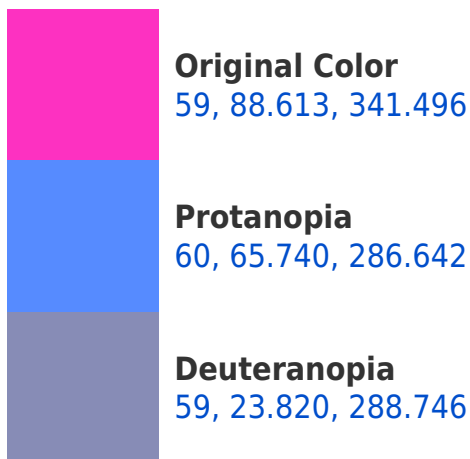


This preview shows how white text looks on a background with the CIELCh color 59, 88.613, 341.496.

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, 67.939, 26.777

Trichromacy



Original Color
59, 88.613, 341.496



Protanomaly
54, 73.345, 306.688



Deuteranomaly
56, 50.784, 323.658



Tritanomaly
58, 69.972, 6.754

Monochromacy



Original Color
59, 88.613, 341.496



Achromatopsia
53, 0.007, 296.813



Achromatomaly
52, 40.322, 337.356

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 88.613, 341.496 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(253, 49, 193)` looks like.

```
.text, #text, p{  
    color:rgb(253, 49, 193)  
}
```

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(253, 49, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 49, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 88.613, 341.496 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(253, 49, 193) }
```

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

```
.border{ border-color:rgb(253, 49, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 49, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 49, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 49, 193);  
box-shadow:4px 4px 4px 4px rgb(253, 49,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 88.613, 341.496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 49, 193) }
```

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

```
.background{ background-color: rgb(253, 49,  
193) }
```

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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