

Converting Colors

CIELCh(59, 80.695, 348.704)

Have a look what the booklet for
CIELCh(59, 80.695, 348.704)
contains.

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Color

CIELCh(59, 80.787, 348.642)

Conversions

Conversions Part 1

Format	Color
Hex	FD3BAC
RGB	253, 59, 172
RGB Percent	99%, 23%, 67%
CMY	0.0074, 0.7680, 0.3251
CMYK	0.00, 0.77, 0.32, 0.01
HSL	325°, 98%, 61%
HSV	325°, 77%, 99%
XYZ	49.5751, 27.0277, 41.6825
YIQ	129.8880, 79.3510, 76.2710

Conversions

Conversions Part 2

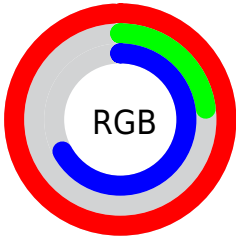
Format	Color
R_{YB}	253, 59, 172
Decimal	16595884
CIE _{Lab}	59.00, 79.20, -15.91
CIE _{LCh}	59, 80.787, 348.642
Yxy	27.0277, 0.4191, 0.2285
Android (android.graphics.Color)	4294785964 (0xFFFD3BAC)
YUV	129.8880, 20.7612, 107.9692
Hunter-Lab	51.9882, 79.2353, -11.1450

Details

The CIELCh color **59, 80.787, 348.642** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **89, 81.536, 149.892**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 68.927, 334.562**, and **42, 71.241, 350.577** is the 20% darker color. If you saturate the color by 10%, you get **57, 84.665, 351.035**, and if you desaturate by 10%, it is **62, 74.245, 346.727**.

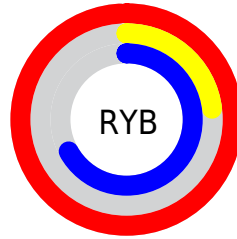
Distribution



Red (99%)

Green (23%)

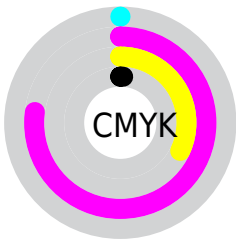
Blue (67%)



Red (99%)

Yellow (23%)

Blue (67%)

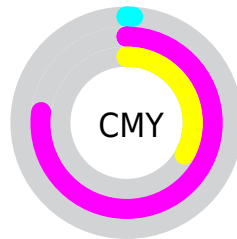


Cyan (0%)

Magenta (77%)

Yellow (32%)

Black (1%)



Cyan (1%)

Magenta (77%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 80.787, 348.642 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, 80.787, 348.642 by changing the saturation by 10% instead.

 59, 80.787,
348.642

 59, 80.787,
348.642

 100, 80.787,
348.642

 49, 80.787,
348.642

 79, 80.787,
348.642

 39, 80.787,
348.642

 89, 80.787,
348.642

 29, 80.787,
348.642

 99, 80.787,
348.642

 19, 80.787,
348.642

 9, 80.787, 348.642

 0, 80.787, 348.642

■ 59, 80.787,
348.642

■ 59, 80.787,
348.642

■ 57, 84.665,
351.035

■ 62, 74.245,
346.727

■ 55, 85.895,
354.038

■ 66, 65.480,
345.159

■ 55, 85.986,
355.155

■ 71, 55.101,
343.841

■ 77, 43.711,
342.701

■ 83, 31.809,
341.692

■ 89, 19.760,
340.779

■ 95, 7.806, 339.921

100, 0.656,
200.373

Harmonies

Complementary

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



59, 80.787, 348.642



89, 81.536, 149.892

Rectangle

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



59, 80.787, 348.642



59, 80.787, 38.642



59, 80.787, 168.642



59, 80.787, 218.642

Sweetspot

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



59, 80.783, 348.643



85, 27.602, 341.352



47, 108.620, 310.489



43, 19.130, 341.691



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, 80.783, 348.643



56, 86.117, 352.576



57, 81.142, 27.601



50, 6.753, 340.168



42, 69.840, 354.525



11, 32.877, 350.227

Inverse Universe

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



59, 80.783, 348.643



56, 86.117, 352.576



90, 49.734, 186.525



50, 6.753, 340.168



42, 69.840, 354.525



11, 32.877, 350.227

Previews

White Background



This preview shows how the CIELCh color 59, 80.787, 348.642 looks on a white background.

Color Contrast Check

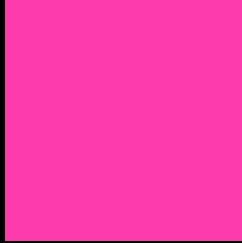
Large Text (above 18pt) WCAG AA ✓ Pass

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, 80.787, 348.642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

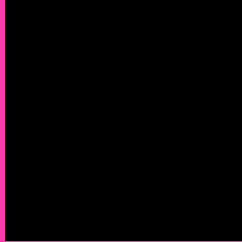
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 80.787, 348.642

Background



This preview shows how black text looks on a background with the CIELCh color 59, 80.787, 348.642.

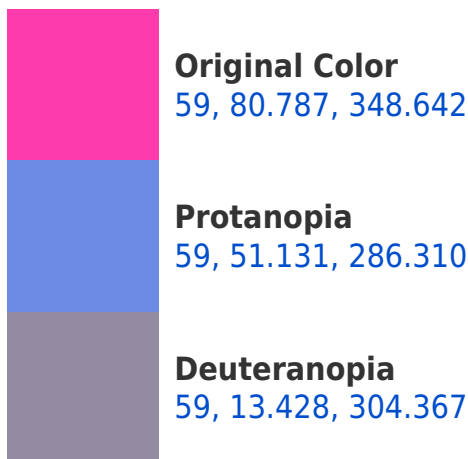


This preview shows how white text looks on a background with the CIELCh color 59, 80.787, 348.642.

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, 69.872, 27.608

Trichromacy



Original Color
59, 80.787, 348.642



Protanomaly
55, 58.181, 312.090



Deuteranomaly
56, 41.885, 335.728



Tritanomaly
59, 69.466, 12.114

Monochromacy



Original Color
59, 80.787, 348.642



Achromatopsia
54, 0.007, 296.813



Achromatomaly
53, 35.695, 343.287

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 80.787, 348.642 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, 59, 172)` looks like.

```
.text, #text, p{  
    color:rgb(253, 59, 172)  
}
```

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, 59, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 59, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 80.787, 348.642 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, 59, 172) }
```

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

```
.border{ border-color:rgb(253, 59, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 59, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 59, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 59, 172);  
box-shadow:4px 4px 4px 4px rgb(253, 59,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 80.787, 348.642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 59, 172) }
```

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

```
.background{ background-color: rgb(253, 59,  
172) }
```

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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