

Converting Colors

CIELCh(59, 89.040, 336.752)

Have a look what the booklet for
CIELCh(59, 89.040, 336.752)
contains.

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Color

CIELCh(59, 88.950, 336.869)

Conversions

Conversions Part 1

Format	Color
Hex	F63ACD
RGB	246, 58, 205
RGB Percent	96%, 23%, 80%
CMY	0.0353, 0.7725, 0.1961
CMYK	0.00, 0.76, 0.17, 0.04
HSL	313°, 91%, 60%
HSV	313°, 76%, 96%
XYZ	50.5400, 27.0277, 60.3129
YIQ	130.9700, 64.8610, 85.5730

Conversions

Conversions Part 2

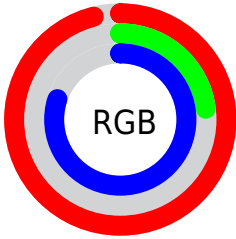
Format	Color
R _Y B	246, 58, 205
Decimal	16136909
CIE Lab	59.00, 81.80, -34.94
CIE LCh	59, 88.950, 336.869
Yxy	27.0277, 0.3665, 0.1960
Android (android.graphics.Color)	4294326989 (0xFF63ACD)
YUV	130.9700, 36.4968, 100.8813
Hunter-Lab	51.9882, 82.5481, -32.3921

Details

The CIELCh color **59, 88.950, 336.869** 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 **86, 93.290, 142.621**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 79.526, 327.122**, and **42, 78.389, 337.506** is the 20% darker color. If you saturate the color by 10%, you get **57, 93.246, 337.890**, and if you desaturate by 10%, it is **62, 81.819, 335.963**.

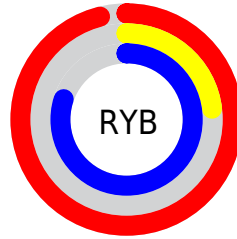
Distribution



Red (96%)

Green (23%)

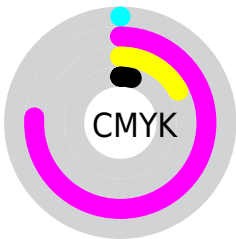
Blue (80%)



Red (96%)

Yellow (23%)

Blue (80%)

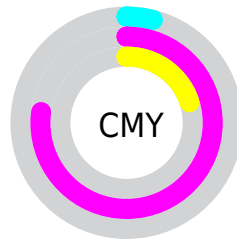


Cyan (0%)

Magenta (76%)

Yellow (17%)

Black (4%)



Cyan (4%)


Magenta (77%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 88.950, 336.869 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, 88.950, 336.869 by changing the saturation by 10% instead.

 59, 88.950,
336.869


 59, 88.950,
336.869

 100, 88.950,
336.869

 49, 88.950,
336.869

 79, 88.950,
336.869

 39, 88.950,
336.869

 89, 88.950,
336.869

 29, 88.950,
336.869

 99, 88.950,
336.869

 19, 88.950,
336.869

 9, 88.950, 336.869

 0, 88.950, 336.869

59, 88.950,
336.869

59, 88.950,
336.869

57, 93.246,
337.890

62, 81.819,
335.963

56, 94.673,
339.071

66, 72.294,
335.133

55, 94.763,
339.526

70, 60.978,
334.354

75, 48.482,
333.612

81, 35.328,
332.900

87, 21.912,
332.212

93, 8.512, 331.532

99, 4.692, 151.028

Harmonies

Complementary

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



59, 88.950, 336.869



86, 93.290, 142.621

Rectangle

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



59, 88.950, 336.869



59, 88.950, 26.869



59, 88.950, 156.869



59, 88.950, 206.869

Sweetspot

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



59, 88.947, 336.869



86, 31.666, 332.665



42, 108.010, 306.326



44, 21.918, 332.917



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, 88.947, 336.869



58, 97.003, 338.548



56, 73.894, 11.882



48, 7.526, 331.743



42, 77.080, 339.286



10, 35.009, 337.516

Inverse Universe

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



59, 88.947, 336.869



58, 97.003, 338.548



87, 59.047, 167.565



48, 7.526, 331.743



42, 77.080, 339.286



10, 35.009, 337.516

Previews

White Background



This preview shows how the CIELCh color 59, 88.950, 336.869 looks on a white background.

Color Contrast Check

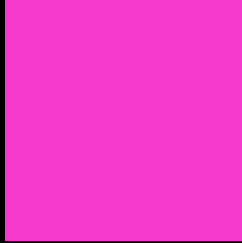
Large Text (above 18pt) WCAG AA ✓ Pass

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, 88.950, 336.869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

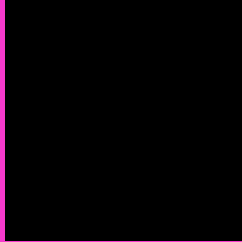
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 88.950, 336.869

Background



This preview shows how black text looks on a background with the CIELCh color 59, 88.950, 336.869.



This preview shows how white text looks on a background with the CIELCh color 59, 88.950, 336.869.

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



Original Color

59, 88.950, 336.869

Protanopia

60, 65.740, 286.642

Deuteranopia

59, 30.732, 285.774



Tritanopia
59, 61.245, 24.784

Trichromacy



Original Color
59, 88.950, 336.869



Protanomaly
55, 72.985, 305.070



Deuteranomaly
56, 53.755, 317.036



Tritanomaly
58, 65.146, 2.357

Monochromacy



Original Color
59, 88.950, 336.869



Achromatopsia
55, 0.007, 296.813



Achromatomaly
53, 39.805, 333.773

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 88.950, 336.869 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(246, 58, 205)` looks like.

```
.text, #text, p{  
    color:rgb(246, 58, 205)  
}
```

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(246, 58, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 58, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 88.950, 336.869 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(246, 58, 205) }
```

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

```
.border{ border-color:rgb(246, 58, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 58, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 58, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 58, 205);  
box-shadow:4px 4px 4px 4px rgb(246, 58,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 88.950, 336.869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 58, 205) }
```

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

```
.background{ background-color: rgb(246, 58,  
205) }
```

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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