

Converting Colors

CIELCh(59, 96.080, 336.967)

Have a look what the booklet for
CIELCh(59, 96.080, 336.967)
contains.

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Color

CIELCh(59, 96.101, 336.988)

Conversions

Conversions Part 1

Format	Color
Hex	FE26D2
RGB	254, 38, 210
RGB Percent	100%, 15%, 82%
CMY	0.0048, 0.8526, 0.1773
CMYK	0.00, 0.85, 0.17, 0.00
HSL	312°, 99%, 57%
HSV	312°, 85%, 100%
XYZ	53.0718, 27.0277, 63.2516
YIQ	122.1920, 73.5240, 99.2840

Conversions

Conversions Part 2

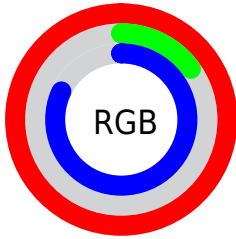
Format	Color
R_{YB}	254, 38, 210
Decimal	16656082
CIE _{Lab}	59.00, 88.45, -37.57
CIE _{LCh}	59, 96.101, 336.988
Yxy	27.0277, 0.3702, 0.1885
Android (android.graphics.Color)	4294846162 (0xFFFE26D2)
YUV	122.1920, 43.2893, 115.5956
Hunter-Lab	51.9882, 91.2412, -35.7436

Details

The CIELCh color **59, 96.101, 336.988** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **88, 103.872, 140.689**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 84.662, 327.285**, and **44, 80.345, 337.746** is the 20% darker color. If you saturate the color by 10%, you get **58, 97.932, 338.053**, and if you desaturate by 10%, it is **61, 91.283, 336.055**.

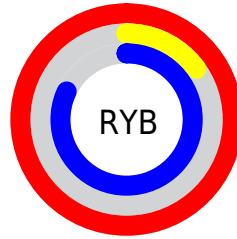
Distribution



Red (100%)

Green (15%)

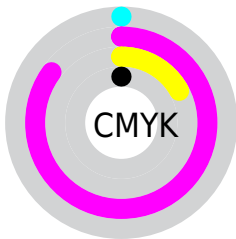
Blue (82%)



Red (100%)

Yellow (15%)

Blue (82%)

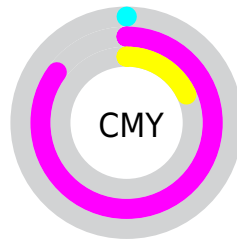


Cyan (0%)

Magenta (85%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (85%)


Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 96.101, 336.988 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, 96.101, 336.988 by changing the saturation by 10% instead.


 59, 96.101,
336.988


 59, 96.101,
336.988


 100, 96.101,
336.988


 49, 96.101,
336.988


 79, 96.101,
336.988

 39, 96.101,
336.988

 89, 96.101,
336.988

 29, 96.101,
336.988

 99, 96.101,
336.988

 19, 96.101,
336.988

 9, 96.101, 336.988

 0, 96.101, 336.988

■ 59, 96.101,
336.988

■ 59, 96.101,
336.988

■ 58, 97.932,
338.053

■ 61, 91.283,
336.055

■ 57, 98.058,
338.612

■ 64, 83.590,
335.213

■ 68, 73.487,
334.429

■ 73, 61.604,
333.683

■ 78, 48.565,
332.966

■ 84, 34.895,
332.272

■ 90, 20.989,
331.597

■ 96, 7.122, 330.921

100, 0.430,
200.921

Harmonies

Complementary

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



59, 96.101, 336.988



88, 103.872, 140.689

Rectangle

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



59, 96.101, 336.988



59, 96.101, 26.988



59, 96.101, 156.988



59, 96.101, 206.988

Sweetspot

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



59, 96.097, 336.988



84, 36.165, 332.328



38, 121.279, 306.791



43, 24.498, 332.567



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, 96.097, 336.988



58, 98.416, 338.615



55, 81.087, 14.385



50, 7.863, 331.219



43, 79.476, 338.397



11, 37.239, 336.929

Inverse Universe

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



59, 96.097, 336.988



58, 98.416, 338.615



89, 65.617, 164.572



50, 7.863, 331.219



43, 79.476, 338.397



11, 37.239, 336.929

Previews

White Background



This preview shows how the CIELCh color 59, 96.101, 336.988 looks on a white background.

Color Contrast Check

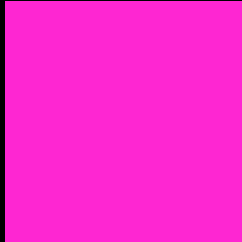
Large Text (above 18pt) WCAG AA ✓ Pass

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, 96.101, 336.988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

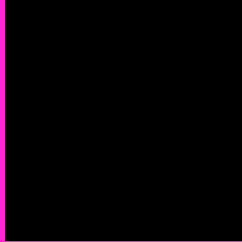
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 96.101, 336.988

Background



This preview shows how black text looks on a background with the CIELCh color 59, 96.101, 336.988.



This preview shows how white text looks on a background with the CIELCh color 59, 96.101, 336.988.

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, 96.101, 336.988

Protanopia

60, 65.765, 286.497

Deuteranopia

59, 31.947, 284.015



Tritanopia
59, 67.071, 26.573

Trichromacy



Original Color
59, 96.101, 336.988



Protanomaly
54, 78.910, 306.894



Deuteranomaly
55, 60.184, 317.366



Tritanomaly
58, 71.149, 3.544

Monochromacy



Original Color
59, 96.101, 336.988



Achromatopsia
51, 0.007, 296.813



Achromatomaly
50, 45.770, 333.656

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 96.101, 336.988 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(254, 38, 210)` looks like.

```
.text, #text, p{  
    color:rgb(254, 38, 210)  
}
```

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(254, 38, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 38, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 96.101, 336.988 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(254, 38, 210) }
```

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

```
.border{ border-color:rgb(254, 38, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 38, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 38, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 38, 210);  
box-shadow:4px 4px 4px 4px rgb(254, 38,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 96.101, 336.988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 38, 210) }
```

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

```
.background{ background-color: rgb(254, 38,  
210) }
```

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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