

Converting Colors

CIELCh(59, 94.856, 337.516)

Have a look what the booklet for
CIELCh(59, 94.856, 337.516)
contains.

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Color

CIELCh(59, 95.018, 337.300)

Conversions

Conversions Part 1

Format	Color
Hex	FD28D0
RGB	253, 40, 208
RGB Percent	99%, 16%, 82%
CMY	0.0070, 0.8417, 0.1836
CMYK	0.00, 0.84, 0.18, 0.01
HSL	313°, 98%, 58%
HSV	313°, 84%, 99%
XYZ	52.7647, 27.0277, 62.2335
YIQ	122.8390, 73.0200, 97.4040

Conversions

Conversions Part 2

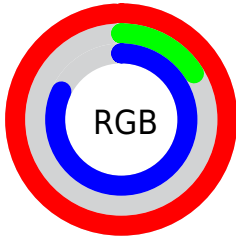
Format	Color
RYB	253, 40, 208
Decimal	16591056
CIELab	59.00, 87.66, -36.67
CIElCh	59, 95.018, 337.300
Yxy	27.0277, 0.3715, 0.1903
Android (android.graphics.Color)	4294781136 (0xFFFD28D0)
YUV	122.8390, 41.9844, 114.1512
Hunter-Lab	51.9882, 90.1866, -34.5825

Details

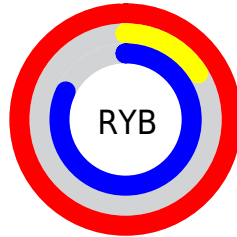
The CIELCh color **59, 95.018, 337.300** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **88, 102.300, 141.105**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 84.162, 327.270**, and **44, 79.724, 338.380** is the 20% darker color. If you saturate the color by 10%, you get **58, 97.134, 338.400**, and if you desaturate by 10%, it is **61, 89.909, 336.340**.

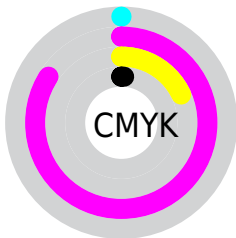
Distribution



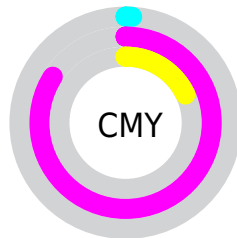
- Red (99%)
- Green (16%)
- Blue (82%)



- Red (99%)
- Yellow (16%)
- Blue (82%)



- Cyan (0%)
- Magenta (84%)
- Yellow (18%)
- Black (1%)





- Cyan (1%)
- Magenta (84%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 95.018, 337.300 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, 95.018, 337.300 by changing the saturation by 10% instead.


 59, 95.018,
337.300


 59, 95.018,
337.300


 100, 95.018,
337.300


 49, 95.018,
337.300


 79, 95.018,
337.300

 39, 95.018,
337.300

 89, 95.018,
337.300

 29, 95.018,
337.300

 99, 95.018,
337.300

 19, 95.018,
337.300

 9, 95.018, 337.300

 0, 95.018, 337.300

■ 59, 95.018,
337.300

■ 59, 95.018,
337.300

■ 58, 97.134,
338.400

■ 61, 89.909,
336.340

■ 57, 97.308,
339.124

■ 65, 81.974,
335.477

■ 69, 71.707,
334.677

■ 73, 59.745,
333.919

■ 79, 46.701,
333.193

■ 85, 33.083,
332.493

■ 91, 19.270,
331.814

■ 97, 5.523, 331.122

100, 0.621,
200.433

Harmonies

Complementary

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



59, 95.018, 337.300



88, 102.300, 141.105

Rectangle

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



59, 95.018, 337.300



59, 95.018, 27.300



59, 95.018, 157.300



59, 95.018, 207.300

Sweetspot

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



59, 95.014, 337.300



84, 34.581, 332.559



39, 119.890, 306.716



43, 23.582, 332.803



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, 95.014, 337.300



58, 97.822, 339.129



56, 80.315, 13.845



50, 7.818, 331.508



43, 79.003, 338.898



11, 37.040, 337.348

Inverse Universe

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



59, 95.014, 337.300



58, 97.822, 339.129



89, 65.029, 164.801



50, 7.818, 331.508



43, 79.003, 338.898



11, 37.040, 337.348

Previews

White Background



This preview shows how the CIELCh color 59, 95.018, 337.300 looks on a white background.

Color Contrast Check

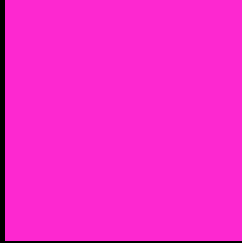
Large Text (above 18pt) WCAG AA ✓ Pass

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, 95.018, 337.300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

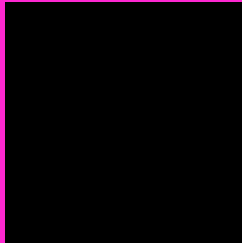
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 95.018, 337.300

Background



This preview shows how black text looks on a background with the CIELCh color 59, 95.018, 337.300.



This preview shows how white text looks on a background with the CIELCh color 59, 95.018, 337.300.

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, 95.018, 337.300

Protanopia

60, 65.765, 286.497

Deuteranopia

59, 31.909, 285.125



Tritanopia
59, 66.484, 26.059

Trichromacy



Original Color
59, 95.018, 337.300



Protanomaly
54, 77.787, 306.768



Deuteranomaly
55, 58.668, 317.999



Tritanomaly
58, 70.593, 3.044

Monochromacy



Original Color
59, 95.018, 337.300



Achromatopsia
52, 0.007, 296.813



Achromatomaly
50, 44.540, 333.779

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 95.018, 337.300 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, 40, 208)` looks like.

```
.text, #text, p{  
    color:rgb(253, 40, 208)  
}
```

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, 40, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 40, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 95.018, 337.300 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, 40, 208) }
```

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

```
.border{ border-color:rgb(253, 40, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 40, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 40, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 40, 208);  
box-shadow:4px 4px 4px 4px rgb(253, 40,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 95.018, 337.300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 40, 208) }
```

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

```
.background{ background-color: rgb(253, 40,  
208) }
```

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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