

Converting Colors

CIELCh(59, 100.722, 335.944)

Have a look what the booklet for
CIELCh(59, 100.722, 335.944)
contains.

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Color

CIELCh(59, 100.634, 335.655)

Conversions

Conversions Part 1

Format	Color
Hex	FF17D9
RGB	255, 23, 217
RGB Percent	100%, 9%, 85%
CMY	0.0000, 0.9088, 0.1501
CMYK	0.00, 0.91, 0.15, 0.00
HSL	310°, 100%, 55%
HSV	310°, 91%, 100%
XYZ	54.3315, 27.0277, 67.8099
YIQ	114.4840, 75.9980, 109.5180

Conversions

Conversions Part 2

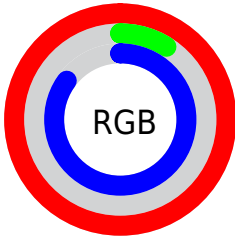
Format	Color
R _{YB}	255, 23, 217
Decimal	16717785
CIE _{Lab}	59.00, 91.69, -41.48
CIE _{LCh}	59, 100.634, 335.655
Yxy	27.0277, 0.3642, 0.1812
Android (android.graphics.Color)	4294907865 (0xFFFF17D9)
YUV	114.4840, 50.5404, 123.2325
Hunter-Lab	51.9882, 95.5662, -40.9421

Details

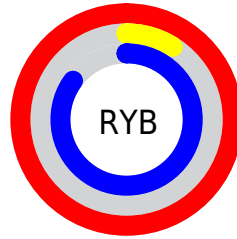
The CIELCh color **59, 100.634, 335.655** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **88, 110.568, 138.834**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **69, 87.603, 327.378**, and **44, 82.640, 335.880** is the 20% darker color. If you saturate the color by 10%, you get **58, 101.339, 336.295**, and if you desaturate by 10%, it is **60, 97.283, 334.711**.

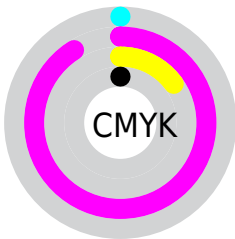
Distribution



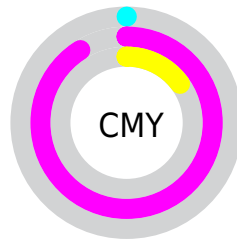
- Red (100%)
- Green (9%)
- Blue (85%)



- Red (100%)
- Yellow (9%)
- Blue (85%)



- Cyan (0%)
- Magenta (91%)
- Yellow (15%)
- Black (0%)





- Cyan (0%)
- Magenta (91%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 100.634, 335.655 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, 100.634, 335.655 by changing the saturation by 10% instead.

 59, 100.634,
335.655


 59, 100.634,
335.655

 100, 100.634,
335.655


 49, 100.634,
335.655


 79, 100.634,
335.655


 39, 100.634,
335.655


 89, 100.634,
335.655

 29, 100.634,
335.655

 99, 100.634,
335.655

 19, 100.634,
335.655

 9, 100.634,
335.655

 0, 100.634,
335.655

■ 59, 100.634,
335.655

■ 59, 100.634,
335.655

■ 58, 101.339,
336.295

■ 60, 97.283,
334.711

■ 63, 90.952,
333.980

■ 67, 81.876,
333.283

■ 71, 70.612,
332.604

■ 76, 57.804,
331.935

■ 81, 44.047,
331.275

■ 87, 29.821,
330.625

■ 93, 15.476,

329.983

99, 1.252, 329.109

Harmonies

Complementary

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



59, 100.634, 335.655



88, 110.568, 138.834

Rectangle

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



59, 100.634, 335.655



59, 100.634, 25.655



59, 100.634, 155.655



59, 100.634, 205.655

Sweetspot

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



59, 100.594, 335.502



83, 38.560, 331.021



35, 127.609, 306.559



42, 25.956, 331.244



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, 100.594, 335.502



58, 101.339, 336.295



55, 83.192, 12.770



50, 8.079, 329.894



44, 81.802, 336.132



12, 38.211, 335.026

Inverse Universe

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



59, 100.594, 335.502



58, 101.339, 336.295



89, 72.229, 159.688



50, 8.079, 329.894



44, 81.802, 336.132



12, 38.211, 335.026

Previews

White Background



This preview shows how the CIELCh color 59, 100.634, 335.655 looks on a white background.

Color Contrast Check

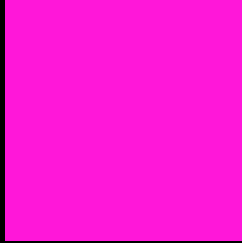
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 59, 100.634, 335.655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

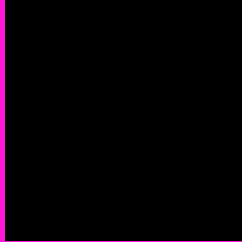
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 100.634, 335.655

Background



This preview shows how black text looks on a background with the CIELCh color 59, 100.634, 335.655.



This preview shows how white text looks on a background with the CIELCh color 59, 100.634, 335.655.

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, 100.713, 335.439

Protanopia

59, 65.789, 286.353

Deuteranopia

59, 36.036, 282.947



Tritanopia
59, 67.542, 26.713

Trichromacy



Original Color
59, 100.713, 335.439



Protanomaly
53, 82.915, 307.616



Deuteranomaly
54, 66.479, 315.765



Tritanomaly
57, 73.135, 1.811

Monochromacy



Original Color
59, 100.713, 335.439



Achromatopsia
48, 0.006, 296.813



Achromatomaly
48, 49.683, 332.549

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 100.634, 335.655 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(255, 23, 217)` looks like.

```
.text, #text, p{  
    color:rgb(255, 23, 217)  
}
```

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(255, 23, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 23, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 100.634, 335.655 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(255, 23, 217) }
```

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

```
.border{ border-color:rgb(255, 23, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 23, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 23, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 23, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 23,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 100.634, 335.655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 23, 217) }
```

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

```
.background{ background-color: rgb(255, 23,  
217) }
```

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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