

Converting Colors

CIELCh(59, 113.788, 328.243)

Have a look what the booklet for
CIELCh(59, 113.788, 328.243)
contains.

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Color

CIELCh(59, 113.501, 328.233)

Conversions

Conversions Part 1

Format	Color
Hex	F901F9
RGB	249, 1, 249
RGB Percent	98%, 0%, 98%
CMY	0.0230, 0.9973, 0.0230
CMYK	0.00, 1.00, 0.00, 0.02
HSL	300°, 99%, 49%
HSV	300°, 100%, 98%
XYZ	56.2438, 27.0277, 91.9818
YIQ	103.4240, 68.2000, 129.7040

Conversions

Conversions Part 2

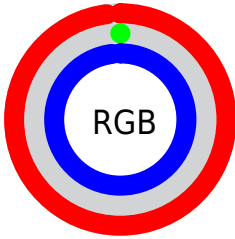
Format	Color
R_{YB}	249, 1, 249
Decimal	16318969
CIE Lab	59.00, 96.50, -59.75
CIE LCh	59, 113.501, 328.233
Yxy	27.0277, 0.3209, 0.1542
Android (android.graphics.Color)	4294509049 (0xFFFF901F9)
YUV	103.4240, 71.7690, 127.6702
Hunter-Lab	51.9882, 102.1322, -68.5090

Details

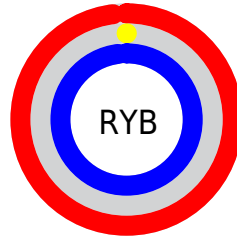
The CIELCh color **59, 113.501, 328.233** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light saturated magenta. A complement of this color would be **86, 117.629, 136.024**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 89.498, 327.438**, and **45, 93.465, 327.203** is the 20% darker color. If you saturate the color by 10%, you get **59, 113.545, 328.235**, and if you desaturate by 10%, it is **60, 111.324, 328.167**.

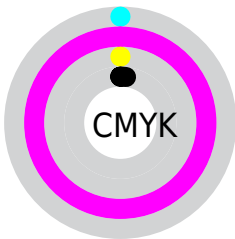
Distribution



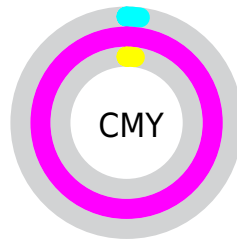
- Red (98%)
- Green (0%)
- Blue (98%)



- Red (98%)
- Yellow (0%)
- Blue (98%)



- Cyan (0%)
- Magenta (100%)
- Yellow (0%)
- Black (2%)





- Cyan (2%)
- Magenta (100%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 113.501, 328.233 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, 113.501, 328.233 by changing the saturation by 10% instead.


 59, 113.501,
328.233


 59, 113.501,
328.233


 100, 113.501,
328.233


 49, 113.501,
328.233


 79, 113.501,
328.233


 39, 113.501,
328.233


 89, 113.501,
328.233

 29, 113.501,
328.233

 99, 113.501,
328.233

 19, 113.501,
328.233

 9, 113.501,
328.233

 0, 113.501,
328.233

■ 59, 113.501,
328.233

■ 59, 113.501,
328.233

■ 59, 113.545,
328.235

■ 60, 111.324,
328.167

■ 61, 106.557,
328.022

■ 63, 98.845,
327.784

■ 67, 88.435,
327.455

■ 71, 75.846,
327.049

■ 75, 61.694,
326.579

■ 81, 46.565,
326.065

■ 86, 30.943,

325.522

■ 92, 15.195,
324.960

Harmonies

Complementary

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



59, 113.501, 328.233



86, 117.629, 136.024

Rectangle

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



59, 113.501, 328.233



59, 113.501, 18.233



59, 113.501, 148.233



59, 113.501, 198.233

Sweetspot

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



59, 113.498, 328.233



82, 47.891, 326.082



32, 131.356, 306.270



41, 32.583, 326.303



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, 113.498, 328.233



60, 115.563, 328.235



54, 83.127, 2.765



49, 8.908, 324.947



45, 92.153, 328.235



12, 41.694, 328.234

Inverse Universe

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



59, 113.498, 328.233



60, 115.563, 328.235



87, 88.187, 148.745



49, 8.908, 324.947



45, 92.153, 328.235



12, 41.694, 328.234

Previews

White Background



This preview shows how the CIELCh color 59, 113.501, 328.233 looks on a white background.

Color Contrast Check

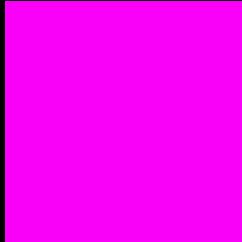
Large Text (above 18pt) WCAG AA ✓ Pass

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, 113.501, 328.233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

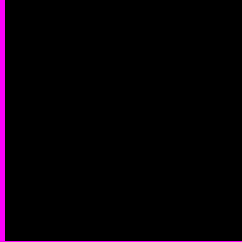
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 113.501, 328.233

Background



This preview shows how black text looks on a background with the CIELCh color 59, 113.501, 328.233.



This preview shows how white text looks on a background with the CIELCh color 59, 113.501, 328.233.

328.233.

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, 113.433, 328.230

Protanopia

60, 65.765, 286.497

Deuteranopia

60, 51.893, 279.473



Tritanopia
59, 57.721, 23.928

Trichromacy



Original Color
59, 113.433, 328.230



Protanomaly
52, 93.616, 308.051



Deuteranomaly
52, 85.308, 308.237



Tritanomaly
56, 73.873, 351.265

Monochromacy



Original Color
59, 113.433, 328.230



Achromatopsia
44, 0.006, 296.813



Achromatomaly
43, 59.133, 327.308

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 113.501, 328.233 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(249, 1, 249)` looks like.

```
.text, #text, p{  
    color:rgb(249, 1, 249)  
}
```

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(249, 1, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 1, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 113.501, 328.233 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(249, 1, 249) }
```

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

```
.border{ border-color:rgb(249, 1, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 1, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 1, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 1, 249);  
box-shadow:4px 4px 4px 4px rgb(249, 1,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 113.501, 328.233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 1, 249) }
```

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

```
.background{ background-color: rgb(249, 1,  
249) }
```

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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