

Converting Colors

CIELCh(59, 112.670, 329.154)

Have a look what the booklet for
CIELCh(59, 112.670, 329.154)
contains.

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Color

CIELCh(59, 112.391, 329.055)

Conversions

Conversions Part 1

Format	Color
Hex	FB00F6
RGB	251, 0, 246
RGB Percent	98%, 0%, 96%
CMY	0.0172, 1.0000, 0.0367
CMYK	0.00, 1.00, 0.02, 0.02
HSL	301°, 100%, 49%
HSV	301°, 100%, 98%
XYZ	56.2018, 27.0277, 89.1488
YIQ	103.0930, 70.6300, 129.7180

Conversions

Conversions Part 2

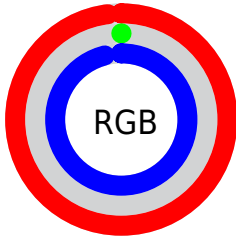
Format	Color
R_{YB}	251, 0, 246
Decimal	16449782
CIE _{Lab}	59.00, 96.39, -57.79
CIE _{LCh}	59, 112.391, 329.055
Yxy	27.0277, 0.3260, 0.1568
Android (android.graphics.Color)	4294639862 (0xFFFB00F6)
YUV	103.0930, 70.4532, 129.7144
Hunter-Lab	51.9882, 101.9877, -65.2781

Details

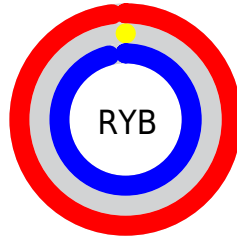
The CIELCh color **59, 112.391, 329.055** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light saturated magenta. A complement of this color would be **86, 117.896, 136.126**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 89.498, 327.438**, and **45, 92.266, 328.233** is the 20% darker color. If you saturate the color by 10%, you get **59, 112.265, 329.052**, and if you desaturate by 10%, it is **60, 110.299, 328.917**.

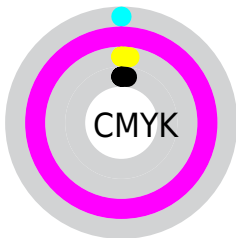
Distribution



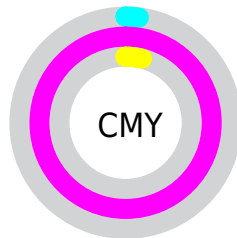
- Red (98%)
- Green (0%)
- Blue (96%)



- Red (98%)
- Yellow (0%)
- Blue (96%)



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





- Cyan (2%)
- Magenta (100%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 112.391, 329.055 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, 112.391, 329.055 by changing the saturation by 10% instead.


 59, 112.391,
329.055


 59, 112.391,
329.055


 100, 112.391,
329.055


 49, 112.391,
329.055


 79, 112.391,
329.055


 39, 112.391,
329.055


 89, 112.391,
329.055

 29, 112.391,
329.055

 99, 112.391,
329.055

 19, 112.391,
329.055

 9, 112.391,
329.055

 0, 112.391,
329.055

■ 59, 112.391,
329.055

■ 59, 112.391,
329.055

■ 59, 112.265,
329.052

■ 60, 110.299,
328.917

■ 61, 105.753,
328.716

■ 64, 98.242,
328.435

■ 67, 88.013,
328.075

■ 71, 75.587,
327.644

■ 76, 61.587,
327.157

■ 81, 46.601,
326.631

■ 86, 31.117,

326.079

92, 15.502,
325.511

Harmonies

Complementary

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



59, 112.391, 329.055



86, 117.896, 136.126

Rectangle

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



59, 112.391, 329.055



59, 112.391, 19.055



59, 112.391, 149.055



59, 112.391, 199.055

Sweetspot

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



59, 112.265, 329.052



82, 47.260, 326.632



32, 131.994, 306.321



41, 32.155, 326.858



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, 112.265, 329.052



60, 113.749, 329.053



54, 83.385, 4.529



49, 8.789, 325.481



45, 90.733, 329.038



11, 41.132, 328.935

Inverse Universe

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



59, 112.265, 329.052



60, 113.749, 329.053



87, 87.201, 149.526



49, 8.789, 325.481



45, 90.733, 329.038



11, 41.132, 328.935

Previews

White Background



This preview shows how the CIE LCh color 59, 112.391, 329.055 looks on a white background.

Color Contrast Check

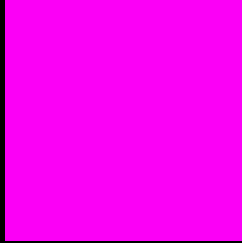
Large Text (above 18pt) WCAG AA ✓ Pass

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, 112.391, 329.055 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, 112.391, 329.055

Background



This preview shows how black text looks on a background with the CIELCh color 59, 112.391, 329.055.



This preview shows how white text looks on a background with the CIELCh color 59, 112.391, 329.055.

329.055.

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, 112.391, 329.055

Protanopia

60, 65.163, 286.241

Deuteranopia

60, 50.609, 280.480



Tritanopia
59, 59.732, 23.920

Trichromacy



Original Color
59, 112.391, 329.055



Protanomaly
52, 93.093, 308.249



Deuteranomaly
52, 83.814, 309.349



Tritanomaly
56, 74.582, 352.363

Monochromacy



Original Color
59, 112.391, 329.055



Achromatopsia
44, 0.006, 296.813



Achromatomaly
43, 58.803, 327.983

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 112.391, 329.055 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(251, 0, 246)` looks like.

```
.text, #text, p{  
    color:rgb(251, 0, 246)  
}
```

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(251, 0, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 0, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 112.391, 329.055 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(251, 0, 246) }
```

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

```
.border{ border-color:rgb(251, 0, 246) }
```

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

Here you see how a box with a 4 pixel rgb(251, 0, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 0, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 0, 246);  
box-shadow:4px 4px 4px 4px rgb(251, 0,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 112.391, 329.055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 0, 246) }
```

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

```
.background{ background-color: rgb(251, 0,  
246) }
```

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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