

Converting Colors

CIELCh(59, 108.761, 329.490)

Have a look what the booklet for
CIELCh(59, 108.761, 329.490)
contains.

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Color

CIELCh(59, 108.715, 329.540)

Conversions

Conversions Part 1

Format	Color
Hex	F916F1
RGB	249, 22, 241
RGB Percent	98%, 9%, 95%
CMY	0.0244, 0.9121, 0.0557
CMYK	0.00, 0.91, 0.03, 0.02
HSL	302°, 95%, 53%
HSV	302°, 91%, 98%
XYZ	55.1308, 27.0277, 85.3705
YIQ	114.8390, 64.9930, 116.2330

Conversions

Conversions Part 2

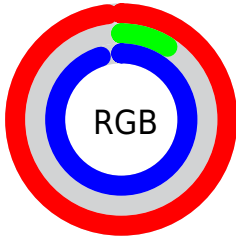
Format	Color
R _Y B	249, 22, 241
Decimal	16324337
CIE Lab	59.00, 93.71, -55.11
CIE LCh	59, 108.715, 329.540
Yxy	27.0277, 0.3291, 0.1613
Android (android.graphics.Color)	4294514417 (0xFFFF916F1)
YUV	114.8390, 62.1974, 117.6592
Hunter-Lab	51.9882, 98.3105, -60.9692

Details

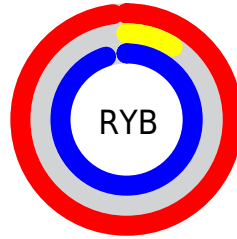
The CIELCh color **59, 108.715, 329.540** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **86, 114.324, 136.669**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **69, 87.603, 327.378**, and **44, 90.382, 329.096** is the 20% darker color. If you saturate the color by 10%, you get **58, 110.277, 329.714**, and if you desaturate by 10%, it is **60, 104.589, 329.297**.

Distribution



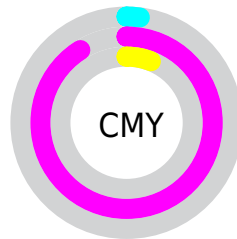
- Red (98%)
- Green (9%)
- Blue (95%)



- Red (98%)
- Yellow (9%)
- Blue (95%)



- Cyan (0%)
- Magenta (91%)
- Yellow (3%)
- Black (2%)





- Cyan (2%)
- Magenta (91%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 108.715, 329.540 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, 108.715, 329.540 by changing the saturation by 10% instead.


 59, 108.715,
329.540


 59, 108.715,
329.540


 100, 108.715,
329.540


 49, 108.715,
329.540


 79, 108.715,
329.540


 39, 108.715,
329.540


 89, 108.715,
329.540

 29, 108.715,
329.540

 99, 108.715,
329.540

 19, 108.715,
329.540

 9, 108.715,
329.540

 0, 108.715,
329.540

■ 59, 108.715,
329.540

■ 59, 108.715,
329.540

■ 58, 110.277,
329.714

■ 60, 104.589,
329.297

■ 63, 97.513,
328.985

■ 66, 87.702,
328.602

■ 70, 75.661,
328.156

■ 75, 62.006,
327.659

■ 80, 47.330,
327.124

■ 85, 32.124,
326.566

■ 91, 16.761,

325.994

■ 97, 1.501, 325.243

Harmonies

Complementary

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



59, 108.715, 329.540



86, 114.324, 136.669

Rectangle

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



59, 108.715, 329.540



59, 108.715, 19.540



59, 108.715, 149.540



59, 108.715, 199.540

Sweetspot

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



59, 108.712, 329.540



84, 42.144, 326.906



33, 126.487, 305.767



43, 28.359, 327.095



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, 108.712, 329.540



60, 112.355, 329.716



54, 81.462, 2.123



49, 8.697, 325.907



44, 89.640, 329.688



11, 40.699, 329.498

Inverse Universe

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



59, 108.712, 329.540



60, 112.355, 329.716



87, 80.686, 152.496



49, 8.697, 325.907



44, 89.640, 329.688



11, 40.699, 329.498

Previews

White Background



This preview shows how the CIELCh color 59, 108.715, 329.540 looks on a white background.

Color Contrast Check

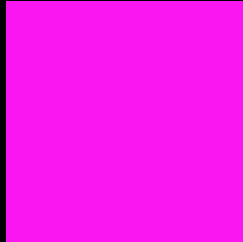
Large Text (above 18pt) WCAG AA ✓ Pass

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, 108.715, 329.540 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, 108.715, 329.540

Background



This preview shows how black text looks on a background with the CIELCh color 59, 108.715, 329.540.



This preview shows how white text looks on a background with the CIELCh color 59, 108.715, 329.540.

329.540.

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, 108.836, 329.542

Protanopia

59, 65.789, 286.353

Deuteranopia

59, 47.807, 280.043



Tritanopia
59, 59.080, 24.282

Trichromacy



Original Color
59, 108.836, 329.542



Protanomaly
53, 87.572, 306.877



Deuteranomaly
53, 76.571, 308.896



Tritanomaly
57, 70.947, 353.935

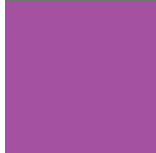
Monochromacy



Original Color
59, 108.836, 329.542



Achromatopsia
48, 0.006, 296.813



Achromatomaly
47, 53.711, 328.100

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 108.715, 329.540 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, 22, 241)` looks like.

```
.text, #text, p{  
    color:rgb(249, 22, 241)  
}
```

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, 22, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 22, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 108.715, 329.540 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, 22, 241) }
```

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

```
.border{ border-color:rgb(249, 22, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 22, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 22, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 22, 241);  
box-shadow:4px 4px 4px 4px rgb(249, 22,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 108.715, 329.540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 22, 241) }
```

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

```
.background{ background-color: rgb(249, 22,  
241) }
```

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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