

Converting Colors

CIELCh(59, 110.777, 330.075)

Have a look what the booklet for
CIELCh(59, 110.777, 330.075)
contains.

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Color

CIELCh(59, 110.610, 330.083)

Conversions

Conversions Part 1

Format	Color
Hex	FC00F1
RGB	252, 0, 241
RGB Percent	99%, 0%, 95%
CMY	0.0120, 1.0000, 0.0551
CMYK	0.00, 1.00, 0.04, 0.01
HSL	303°, 100%, 49%
HSV	303°, 100%, 99%
XYZ	55.9922, 27.0277, 85.4463
YIQ	102.8220, 72.8310, 128.3750

Conversions

Conversions Part 2

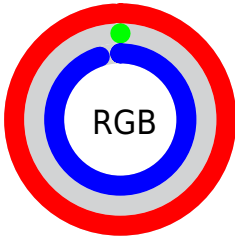
Format	Color
R_{YB}	252, 0, 241
Decimal	16515313
CIE _{Lab}	59.00, 95.87, -55.17
CIE _{LCh}	59, 110.610, 330.083
Yxy	27.0277, 0.3324, 0.1604
Android (android.graphics.Color)	4294705393 (0xFFFC00F1)
YUV	102.8220, 68.1218, 130.8291
Hunter-Lab	51.9882, 101.2681, -61.0556

Details

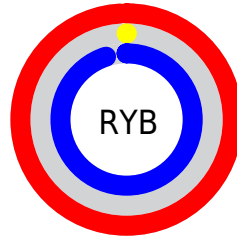
The CIELCh color **59, 110.610, 330.083** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light saturated magenta. A complement of this color would be **87, 117.997, 136.256**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 89.498, 327.438**, and **45, 90.362, 329.530** is the 20% darker color. If you saturate the color by 10%, you get **59, 110.593, 330.083**, and if you desaturate by 10%, it is **60, 108.820, 329.855**.

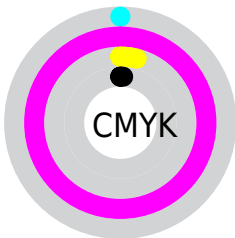
Distribution



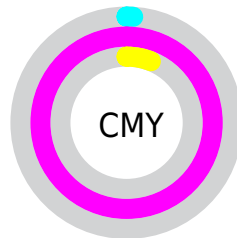
- Red (99%)
- Green (0%)
- Blue (95%)



- Red (99%)
- Yellow (0%)
- Blue (95%)



- Cyan (0%)
- Magenta (100%)
- Yellow (4%)
- Black (1%)





- Cyan (1%)
- Magenta (100%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 110.610, 330.083 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, 110.610, 330.083 by changing the saturation by 10% instead.


 59, 110.610,
330.083


 59, 110.610,
330.083


 100, 110.610,
330.083


 49, 110.610,
330.083


 79, 110.610,
330.083


 39, 110.610,
330.083


 89, 110.610,
330.083

 29, 110.610,
330.083

 99, 110.610,
330.083

 19, 110.610,
330.083

 9, 110.610,
330.083

 0, 110.610,
330.083

■ 59, 110.610,
330.083

■ 59, 110.610,
330.083

■ 59, 110.593,
330.083

■ 60, 108.820,
329.855

■ 61, 104.442,
329.578

■ 64, 97.082,
329.238

■ 67, 86.997,
328.832

■ 71, 74.720,
328.369

■ 76, 60.877,
327.858

■ 81, 46.059,
327.314

■ 87, 30.752,

326.749

■ 93, 15.318,
326.172

Harmonies

Complementary

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



59, 110.610, 330.083



87, 117.997, 136.256

Rectangle

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



59, 110.610, 330.083



59, 110.610, 20.083



59, 110.610, 150.083



59, 110.610, 200.083

Sweetspot

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



59, 110.593, 330.083



82, 46.510, 327.315



32, 132.454, 306.354



41, 31.646, 327.547



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, 110.593, 330.083



60, 111.605, 330.084



54, 83.658, 6.185



49, 8.648, 326.142



44, 89.053, 330.049



11, 40.466, 329.811

Inverse Universe

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



59, 110.593, 330.083



60, 111.605, 330.084



88, 86.011, 150.403



49, 8.648, 326.142



44, 89.053, 330.049



11, 40.466, 329.811

Previews

White Background



This preview shows how the CIE LCh color 59, 110.610, 330.083 looks on a white background.

Color Contrast Check

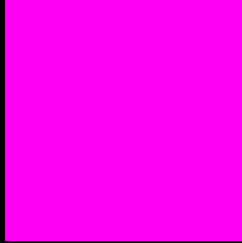
Large Text (above 18pt) WCAG AA ✓ Pass

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, 110.610, 330.083 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, 110.610, 330.083

Background



This preview shows how black text looks on a background with the CIELCh color 59, 110.610, 330.083.



This preview shows how white text looks on a background with the CIELCh color 59, 110.610,

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, 110.610, 330.083

Protanopia

60, 65.163, 286.241

Deuteranopia

60, 47.763, 280.295



Tritanopia
59, 61.174, 24.716

Trichromacy



Original Color
59, 110.610, 330.083



Protanomaly
52, 92.083, 308.338



Deuteranomaly
52, 81.268, 310.490



Tritanomaly
57, 74.831, 353.947

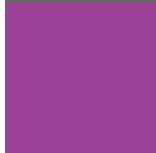
Monochromacy



Original Color
59, 110.610, 330.083



Achromatopsia
44, 0.006, 296.813



Achromatomaly
43, 57.950, 328.671

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 110.610, 330.083 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(252, 0, 241)` looks like.

```
.text, #text, p{  
    color:rgb(252, 0, 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(252, 0, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 0, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 110.610, 330.083 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(252, 0, 241) }
```

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

```
.border{ border-color:rgb(252, 0, 241) }
```

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

Here you see how a box with a 4 pixel rgb(252, 0, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 0, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 0, 241);  
box-shadow:4px 4px 4px 4px rgb(252, 0,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 110.610, 330.083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 0, 241) }
```

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

```
.background{ background-color: rgb(252, 0,  
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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