

Converting Colors

CIELCh(59, 109.016, 330.442)

Have a look what the booklet for
CIELCh(59, 109.016, 330.442)
contains.

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Color

CIELCh(59, 108.883, 330.441)

Conversions

Conversions Part 1

Format	Color
Hex	FB0CEE
RGB	251, 12, 238
RGB Percent	98%, 5%, 93%
CMY	0.0142, 0.9539, 0.0653
CMYK	0.00, 0.95, 0.05, 0.01
HSL	303°, 97%, 52%
HSV	303°, 95%, 99%
XYZ	55.5288, 27.0277, 83.4445
YIQ	109.2250, 69.8980, 120.9540

Conversions

Conversions Part 2

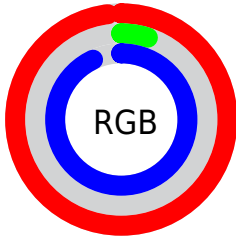
Format	Color
R _Y B	251, 12, 238
Decimal	16452846
CIE Lab	59.00, 94.71, -53.71
CIE LCh	59, 108.883, 330.441
Yxy	27.0277, 0.3345, 0.1628
Android (android.graphics.Color)	4294642926 (0xFFFB0CEE)
YUV	109.2250, 63.4861, 124.3367
Hunter-Lab	51.9882, 99.6772, -58.7725

Details

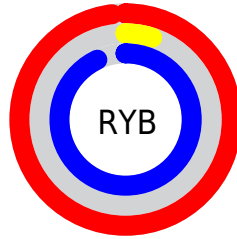
The CIELCh color **59, 108.883, 330.441** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light saturated magenta. A complement of this color would be **87, 116.305, 136.569**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **69, 88.557, 327.408**, and **44, 89.251, 329.992** is the 20% darker color. If you saturate the color by 10%, you get **59, 109.458, 330.566**, and if you desaturate by 10%, it is **60, 106.131, 330.152**.

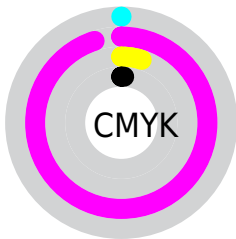
Distribution



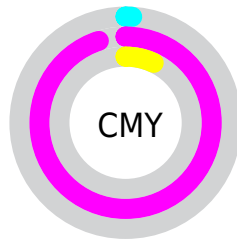
- Red (98%)
- Green (5%)
- Blue (93%)



- Red (98%)
- Yellow (5%)
- Blue (93%)



- Cyan (0%)
- Magenta (95%)
- Yellow (5%)
- Black (1%)





- Cyan (1%)
- Magenta (95%)
- Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 108.883, 330.441 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, 108.883, 330.441 by changing the saturation by 10% instead.


 59, 108.883,
330.441


 59, 108.883,
330.441


 100, 108.883,
330.441


 49, 108.883,
330.441


 79, 108.883,
330.441


 39, 108.883,
330.441


 89, 108.883,
330.441

 29, 108.883,
330.441

 99, 108.883,
330.441

 19, 108.883,
330.441

 9, 108.883,
330.441

 0, 108.883,
330.441

■ 59, 108.883,
330.441

■ 59, 108.883,
330.441

■ 59, 109.458,
330.566

■ 60, 106.131,
330.152

■ 62, 100.436,
329.814

■ 65, 91.840,
329.418

■ 69, 80.757,
328.966

■ 73, 67.784,
328.464

■ 78, 53.543,
327.927

■ 84, 38.577,
327.364

■ 89, 23.312,

326.789

 95, 8.052, 326.193

Harmonies

Complementary

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



59, 108.883, 330.441



87, 116.305, 136.569

Rectangle

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



59, 108.883, 330.441



59, 108.883, 20.441



59, 108.883, 150.441



59, 108.883, 200.441

Sweetspot

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



59, 108.880, 330.441



83, 44.655, 327.575



33, 130.048, 306.147



42, 30.568, 327.814



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, 108.880, 330.441



60, 110.650, 330.568



54, 82.784, 5.601



49, 8.584, 326.448



44, 88.305, 330.523



11, 40.169, 330.219

Inverse Universe

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



59, 108.880, 330.441



60, 110.650, 330.568



88, 82.080, 152.404



49, 8.584, 326.448



44, 88.305, 330.523



11, 40.169, 330.219

Previews

White Background



This preview shows how the CIE LCh color 59, 108.883, 330.441 looks on a white background.

Color Contrast Check

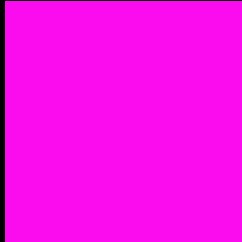
Large Text (above 18pt) WCAG AA ✓ Pass

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, 108.883, 330.441 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, 108.883, 330.441

Background



This preview shows how black text looks on a background with the CIELCh color 59, 108.883, 330.441.



This preview shows how white text looks on a background with the CIELCh color 59, 108.883, 330.441.

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, 108.741, 330.439

Protanopia

60, 65.765, 286.497

Deuteranopia

60, 46.617, 280.254

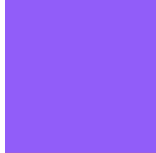


Tritanopia
59, 61.245, 24.784

Trichromacy



Original Color
59, 108.741, 330.439



Protanomaly
53, 89.343, 307.672



Deuteranomaly
53, 77.937, 310.301



Tritanomaly
57, 73.037, 354.933

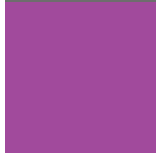
Monochromacy



Original Color
59, 108.741, 330.439



Achromatopsia
46, 0.006, 296.813



Achromatomaly
45, 55.245, 328.927

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 108.883, 330.441 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, 12, 238)` looks like.

```
.text, #text, p{  
    color:rgb(251, 12, 238)  
}
```

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, 12, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 12, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 108.883, 330.441 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, 12, 238) }
```

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

```
.border{ border-color:rgb(251, 12, 238) }
```

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

Here you see how a box with a 4 pixel rgb(251, 12, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 12, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 12, 238);  
box-shadow:4px 4px 4px 4px rgb(251, 12,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 108.883, 330.441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 12, 238) }
```

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

```
.background{ background-color: rgb(251, 12,  
238) }
```

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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