

Converting Colors

CIELCh(59, 104.191, 334.312)

Have a look what the booklet for
CIELCh(59, 104.191, 334.312)
contains.

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Color

CIELCh(59, 104.069, 334.093)

Conversions

Conversions Part 1

Format	Color
Hex	FF0BE0
RGB	255, 11, 224
RGB Percent	100%, 4%, 88%
CMY	0.0000, 0.9566, 0.1225
CMYK	0.00, 0.96, 0.12, 0.00
HSL	308°, 100%, 52%
HSV	308°, 96%, 100%
XYZ	55.0911, 27.0277, 72.6675
YIQ	108.2380, 77.0510, 117.9710

Conversions

Conversions Part 2

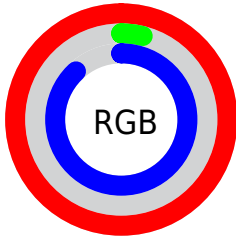
Format	Color
R _Y B	255, 11, 224
Decimal	16714720
CIE Lab	59.00, 93.61, -45.47
CIE LCh	59, 104.069, 334.093
Yxy	27.0277, 0.3559, 0.1746
Android (android.graphics.Color)	4294904800 (0xFFFF0BE0)
YUV	108.2380, 57.0707, 128.7103
Hunter-Lab	51.9882, 98.1743, -46.4819

Details

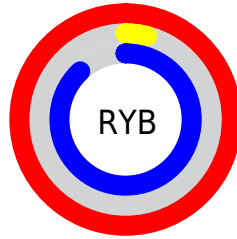
The CIELCh color **59, 104.069, 334.093** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **88, 115.046, 137.488**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **69, 88.557, 327.408**, and **44, 84.649, 334.185** is the 20% darker color. If you saturate the color by 10%, you get **59, 104.332, 334.219**, and if you desaturate by 10%, it is **60, 101.906, 333.313**.

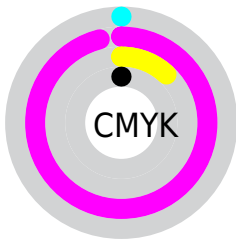
Distribution



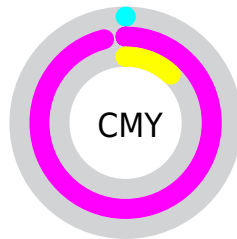
- Red (100%)
- Green (4%)
- Blue (88%)



- Red (100%)
- Yellow (4%)
- Blue (88%)



- Cyan (0%)
- Magenta (96%)
- Yellow (12%)
- Black (0%)





- Cyan (0%)
- Magenta (96%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 104.069, 334.093 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, 104.069, 334.093 by changing the saturation by 10% instead.


 59, 104.069,
334.093


 59, 104.069,
334.093


 100, 104.069,
334.093


 49, 104.069,
334.093


 79, 104.069,
334.093


 39, 104.069,
334.093


 89, 104.069,
334.093

 29, 104.069,
334.093

 99, 104.069,
334.093

 19, 104.069,
334.093

 9, 104.069,
334.093

 0, 104.069,
334.093

■ 59, 104.069,
334.093

■ 59, 104.069,
334.093

■ 59, 104.332,
334.219

■ 60, 101.906,
333.313

■ 62, 96.779,
332.715

■ 65, 88.716,
332.122

■ 69, 78.154,
331.524

■ 73, 65.709,
330.915

■ 79, 52.013,
330.298

■ 84, 37.610,
329.678

■ 90, 22.920,

329.060

 96, 8.240, 328.432

Harmonies

Complementary

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



59, 104.069, 334.093



88, 115.046, 137.488

Rectangle

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



59, 104.069, 334.093



59, 104.069, 24.093



59, 104.069, 154.093



59, 104.069, 204.093

Sweetspot

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



59, 104.042, 333.938



82, 42.466, 329.885



34, 131.058, 306.485



41, 29.075, 330.150



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, 104.042, 333.938



59, 104.332, 334.219



55, 84.186, 12.158



50, 8.293, 328.678



44, 84.179, 334.102



12, 39.194, 333.307

Inverse Universe

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



59, 104.042, 333.938



59, 104.332, 334.219



89, 77.134, 156.347



50, 8.293, 328.678



44, 84.179, 334.102



12, 39.194, 333.307

Previews

White Background



This preview shows how the CIELCh color 59, 104.069, 334.093 looks on a white background.

Color Contrast Check

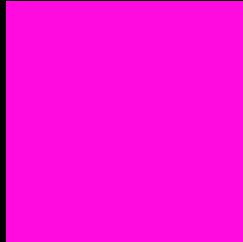
Large Text (above 18pt) WCAG AA ✓ Pass

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, 104.069, 334.093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

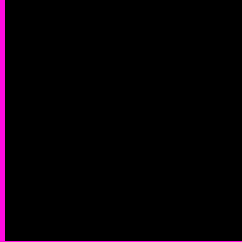
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 104.069, 334.093

Background



This preview shows how black text looks on a background with the CIELCh color 59, 104.069, 334.093.



This preview shows how white text looks on a background with the CIELCh color 59, 104.069, 334.093.

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, 104.123, 333.889

Protanopia

60, 65.765, 286.497

Deuteranopia

59, 39.517, 282.495



Tritanopia
59, 66.484, 26.059

Trichromacy



Original Color
59, 104.123, 333.889



Protanomaly
52, 87.338, 308.386



Deuteranomaly
53, 71.693, 314.534



Tritanomaly
57, 74.388, 359.400

Monochromacy



Original Color
59, 104.123, 333.889



Achromatopsia
46, 0.006, 296.813



Achromatomaly
45, 53.319, 331.256

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 104.069, 334.093 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(255, 11, 224)` looks like.

```
.text, #text, p{  
    color:rgb(255, 11, 224)  
}
```

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(255, 11, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 11, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 104.069, 334.093 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(255, 11, 224) }
```

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

```
.border{ border-color:rgb(255, 11, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 11, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 11, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 11, 224);  
box-shadow:4px 4px 4px 4px rgb(255, 11,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 104.069, 334.093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 11, 224) }
```

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

```
.background{ background-color: rgb(255, 11,  
224) }
```

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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