

Converting Colors

CIELCh(59, 104.453, 334.114)

Have a look what the booklet for
CIELCh(59, 104.453, 334.114)
contains.

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Color

CIELCh(59, 104.394, 333.884)

Conversions

Conversions Part 1

Format	Color
Hex	FF0AE1
RGB	255, 10, 225
RGB Percent	100%, 4%, 88%
CMY	0.0000, 0.9595, 0.1191
CMYK	0.00, 0.96, 0.12, 0.00
HSL	307°, 100%, 52%
HSV	307°, 96%, 100%
XYZ	55.1408, 27.0277, 73.2731
YIQ	107.7650, 77.0050, 118.8050

Conversions

Conversions Part 2

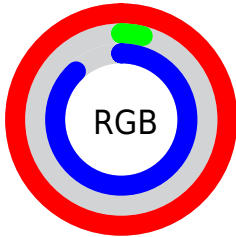
Format	Color
R _Y B	255, 10, 225
Decimal	16714465
CIE Lab	59.00, 93.74, -45.95
CIE LCh	59, 104.394, 333.884
Yxy	27.0277, 0.3547, 0.1739
Android (android.graphics.Color)	4294904545 (0xFFFF0AE1)
YUV	107.7650, 57.7969, 129.1251
Hunter-Lab	51.9882, 98.3450, -47.1727

Details

The CIELCh color **59, 104.394, 333.884** 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, 115.344, 137.394**, 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 **45, 84.991, 333.913** is the 20% darker color. If you saturate the color by 10%, you get **59, 104.653, 334.012**, and if you desaturate by 10%, it is **60, 102.292, 333.153**.

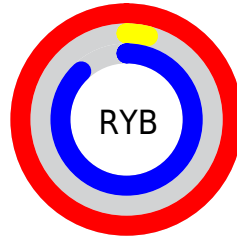
Distribution



Red (100%)

Green (4%)

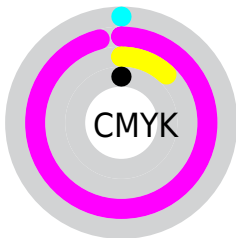
Blue (88%)



Red (100%)

Yellow (4%)

Blue (88%)

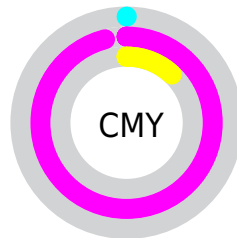


Cyan (0%)

Magenta (96%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (96%)


Yellow (12%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 104.394, 333.884 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, 104.394, 333.884 by changing the saturation by 10% instead.


 59, 104.394,
333.884


 59, 104.394,
333.884


 100, 104.394,
333.884


 49, 104.394,
333.884


 79, 104.394,
333.884


 39, 104.394,
333.884


 89, 104.394,
333.884

 29, 104.394,
333.884

 99, 104.394,
333.884

 19, 104.394,
333.884

 9, 104.394,
333.884

 0, 104.394,
333.884

■ 59, 104.394,
333.884

■ 59, 104.394,
333.884

■ 59, 104.653,
334.012

■ 60, 102.292,
333.153

■ 62, 97.227,
332.570

■ 65, 89.217,
331.989

■ 69, 78.690,
331.399

■ 73, 66.258,
330.797

■ 79, 52.555,
330.185

■ 84, 38.129,
329.569

■ 90, 23.404,

328.953

 96, 8.682, 328.328

Harmonies

Complementary

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



59, 104.394, 333.884



88, 115.344, 137.394

Rectangle

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



59, 104.394, 333.884



59, 104.394, 23.884



59, 104.394, 153.884



59, 104.394, 203.884

Sweetspot

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



59, 104.373, 333.759



82, 42.579, 329.757



34, 131.198, 306.492



41, 29.153, 330.020



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, 104.373, 333.759



59, 104.653, 334.012



55, 84.260, 12.311



50, 8.316, 328.555



44, 84.434, 333.899



12, 39.299, 333.134

Inverse Universe

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



59, 104.373, 333.759



59, 104.653, 334.012



89, 77.253, 156.280



50, 8.316, 328.555



44, 84.434, 333.899



12, 39.299, 333.134

Previews

White Background



This preview shows how the CIELCh color 59, 104.394, 333.884 looks on a white background.

Color Contrast Check

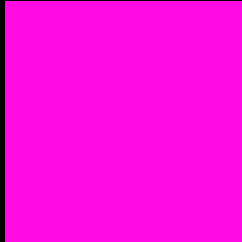
Large Text (above 18pt) WCAG AA ✓ Pass

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, 104.394, 333.884 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, 104.394, 333.884

Background



This preview shows how black text looks on a background with the CIELCh color 59, 104.394, 333.884.



This preview shows how white text looks on a background with the CIELCh color 59, 104.394,

333.884.

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, 104.519, 333.679

Protanopia

60, 65.765, 286.497

Deuteranopia

59, 40.103, 282.385



Tritanopia
59, 66.200, 26.368

Trichromacy



Original Color
59, 104.519, 333.679



Protanomaly
52, 87.338, 308.386



Deuteranomaly
53, 72.741, 314.268



Tritanomaly
57, 74.388, 359.400

Monochromacy



Original Color
59, 104.519, 333.679



Achromatopsia
46, 0.006, 296.813



Achromatomaly
45, 53.885, 331.241

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 104.394, 333.884 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, 10, 225)` looks like.

```
.text, #text, p{  
    color:rgb(255, 10, 225)  
}
```

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, 10, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 10, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 104.394, 333.884 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, 10, 225) }
```

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

```
.border{ border-color:rgb(255, 10, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 10, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 10, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 10, 225);  
box-shadow:4px 4px 4px 4px rgb(255, 10,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 104.394, 333.884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 10, 225) }
```

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

```
.background{ background-color: rgb(255, 10,  
225) }
```

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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