

Converting Colors

CIELCh(59, 103.766, 333.216)

Have a look what the booklet for
CIELCh(59, 103.766, 333.216)
contains.

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Color

CIELCh(59, 103.721, 333.306)

Conversions

Conversions Part 1

Format	Color
Hex	FE15E2
RGB	254, 21, 226
RGB Percent	100%, 8%, 89%
CMY	0.0051, 0.9171, 0.1148
CMYK	0.00, 0.92, 0.11, 0.01
HSL	307°, 99%, 54%
HSV	307°, 92%, 99%
XYZ	54.7176, 27.0277, 74.0799
YIQ	114.0370, 73.0630, 113.1510

Conversions

Conversions Part 2

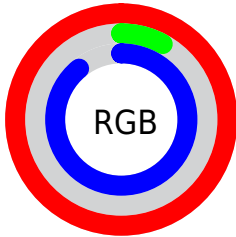
Format	Color
RYB	254, 21, 226
Decimal	16651746
CIELab	59.00, 92.67, -46.59
CIElCh	59, 103.721, 333.306
Yxy	27.0277, 0.3511, 0.1734
Android (android.graphics.Color)	4294841826 (0xFFFE15E2)
YUV	114.0370, 55.1978, 122.7476
Hunter-Lab	51.9882, 96.8919, -48.0928

Details

The CIELCh color **59, 103.721, 333.306** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **88, 112.955, 137.839**, 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, 85.314, 333.407** is the 20% darker color. If you saturate the color by 10%, you get **58, 104.568, 333.805**, and if you desaturate by 10%, it is **60, 100.369, 332.731**.

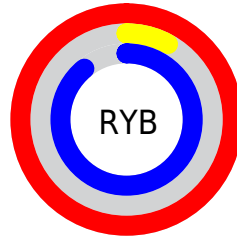
Distribution



Red (100%)

Green (8%)

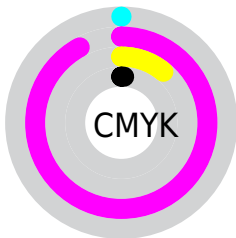
Blue (89%)



Red (100%)

Yellow (8%)

Blue (89%)

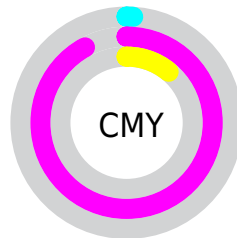


Cyan (0%)

Magenta (92%)

Yellow (11%)

Black (1%)



Cyan (1%)


Magenta (92%)


Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 103.721, 333.306 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, 103.721, 333.306 by changing the saturation by 10% instead.


 59, 103.721,
333.306


 59, 103.721,
333.306


 100, 103.721,
333.306


 49, 103.721,
333.306


 79, 103.721,
333.306


 39, 103.721,
333.306


 89, 103.721,
333.306

 29, 103.721,
333.306

 99, 103.721,
333.306

 19, 103.721,
333.306

 9, 103.721,
333.306

 0, 103.721,
333.306

■ 59, 103.721,
333.306

■ 59, 103.721,
333.306

■ 58, 104.568,
333.805

■ 60, 100.369,
332.731

■ 63, 94.006,
332.165

■ 66, 84.857,
331.592

■ 70, 73.449,
331.004

■ 75, 60.419,
330.403

■ 80, 46.369,
329.793

■ 86, 31.793,
329.179

■ 92, 17.061,

328.566

98, 2.428, 327.853

Harmonies

Complementary

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



59, 103.721, 333.306



88, 112.955, 137.839

Rectangle

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



59, 103.721, 333.306



59, 103.721, 23.306



59, 103.721, 153.306



59, 103.721, 203.306

Sweetspot

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



59, 103.718, 333.306



83, 41.234, 329.568



35, 128.109, 306.325



42, 28.412, 329.833



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, 103.718, 333.306



59, 104.975, 333.807



55, 82.715, 10.093



50, 8.338, 328.432



44, 84.689, 333.698



12, 39.404, 332.963

Inverse Universe

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



59, 103.718, 333.306



59, 104.975, 333.807



89, 75.100, 157.272



50, 8.338, 328.432



44, 84.689, 333.698



12, 39.404, 332.963

Previews

White Background



This preview shows how the CIELCh color 59, 103.721, 333.306 looks on a white background.

Color Contrast Check

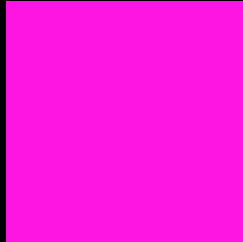
Large Text (above 18pt) WCAG AA ✓ Pass

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, 103.721, 333.306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

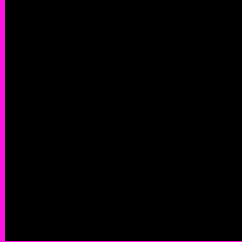
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 103.721, 333.306

Background



This preview shows how black text looks on a background with the CIELCh color 59, 103.721, 333.306.



This preview shows how white text looks on a background with the CIELCh color 59, 103.721, 333.306.

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, 103.836, 333.305

Protanopia

60, 65.765, 286.497

Deuteranopia

59, 40.149, 281.598



Tritanopia
59, 64.745, 25.635

Trichromacy



Original Color
59, 103.836, 333.305



Protanomaly
53, 85.046, 307.626



Deuteranomaly
54, 70.260, 313.248



Tritanomaly
57, 72.819, 358.920

Monochromacy



Original Color
59, 103.836, 333.305



Achromatopsia
48, 0.006, 296.813



Achromatomaly
47, 51.915, 330.818

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 103.721, 333.306 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(254, 21, 226)` looks like.

```
.text, #text, p{  
    color:rgb(254, 21, 226)  
}
```

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(254, 21, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 21, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 103.721, 333.306 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(254, 21, 226) }
```

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

```
.border{ border-color:rgb(254, 21, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 21, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 21, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 21, 226);  
box-shadow:4px 4px 4px 4px rgb(254, 21,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 103.721, 333.306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 21, 226) }
```

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

```
.background{ background-color: rgb(254, 21,  
226) }
```

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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