

Converting Colors

CIELCh(59, 96.512, 338.082)

Have a look what the booklet for
CIELCh(59, 96.512, 338.082)
contains.

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Color

CIELCh(59, 96.336, 337.864)

Conversions

Conversions Part 1

Format	Color
Hex	FF21D0
RGB	255, 33, 208
RGB Percent	100%, 13%, 82%
CMY	0.0000, 0.8692, 0.1859
CMYK	0.00, 0.87, 0.19, 0.00
HSL	313°, 100%, 57%
HSV	313°, 87%, 100%
XYZ	53.3747, 27.0277, 61.8205
YIQ	119.3280, 76.1370, 101.4890

Conversions

Conversions Part 2

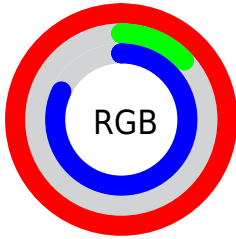
Format	Color
R _{YB}	255, 33, 208
Decimal	16720336
CIE Lab	59.00, 89.24, -36.30
CIE LCh	59, 96.336, 337.864
Yxy	27.0277, 0.3753, 0.1900
Android (android.graphics.Color)	4294910416 (0xFFFF21D0)
YUV	119.3280, 43.7153, 118.9843
Hunter-Lab	51.9882, 92.2811, -34.1115

Details

The CIELCh color **59, 96.336, 337.864** 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, 104.859, 140.672**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 85.655, 327.317**, and **44, 79.785, 338.640** is the 20% darker color. If you saturate the color by 10%, you get **58, 97.593, 338.895**, and if you desaturate by 10%, it is **61, 92.037, 336.721**.

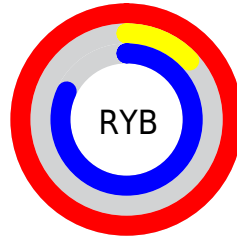
Distribution



Red (100%)

Green (13%)

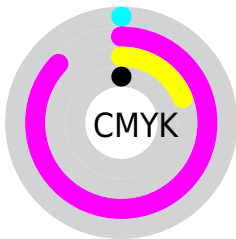
Blue (82%)



Red (100%)

Yellow (13%)

Blue (82%)

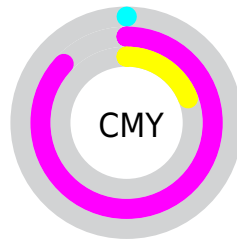


Cyan (0%)

Magenta (87%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (87%)


Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 96.336, 337.864 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, 96.336, 337.864 by changing the saturation by 10% instead.


 59, 96.336,
337.864


 59, 96.336,
337.864


 100, 96.336,
337.864


 49, 96.336,
337.864


 79, 96.336,
337.864

 39, 96.336,
337.864

 89, 96.336,
337.864

 29, 96.336,
337.864

 99, 96.336,
337.864

 19, 96.336,
337.864

 9, 96.336, 337.864

 0, 96.336, 337.864

■ 59, 96.336,
337.864

■ 59, 96.336,
337.864

■ 58, 97.593,
338.895

■ 61, 92.037,
336.721

■ 58, 97.653,
339.279

■ 64, 84.850,
335.824

■ 68, 75.153,
335.001

■ 72, 63.563,
334.228

■ 78, 50.719,
333.489

■ 83, 37.165,
332.779

■ 89, 23.319,
332.092

■ 96, 9.477, 331.415

100, 0.012,
296.813

Harmonies

Complementary

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



59, 96.336, 337.864



88, 104.859, 140.672

Rectangle

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



59, 96.336, 337.864



59, 96.336, 27.864



59, 96.336, 157.864



59, 96.336, 207.864

Sweetspot

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



59, 96.286, 337.730



84, 35.904, 332.715



38, 123.458, 306.894



43, 24.323, 332.958



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, 96.286, 337.730



58, 97.653, 339.279



55, 82.332, 15.239



50, 7.805, 331.593



43, 78.868, 339.045



11, 36.983, 337.470

Inverse Universe

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



59, 96.286, 337.730



58, 97.653, 339.279



90, 66.578, 164.214



50, 7.805, 331.593



43, 78.868, 339.045



11, 36.983, 337.470

Previews

White Background



This preview shows how the CIELCh color 59, 96.336, 337.864 looks on a white background.

Color Contrast Check

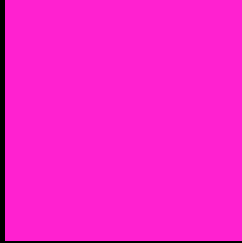
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 59, 96.336, 337.864 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, 96.336, 337.864

Background



This preview shows how black text looks on a background with the CIELCh color 59, 96.336, 337.864.



This preview shows how white text looks on a background with the CIELCh color 59, 96.336, 337.864.

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, 96.469, 337.627

Protanopia

59, 66.343, 286.892

Deuteranopia

59, 31.356, 284.884



Tritanopia
59, 68.409, 26.918

Trichromacy



Original Color
59, 96.469, 337.627



Protanomaly
53, 79.586, 307.478



Deuteranomaly
54, 60.511, 318.327



Tritanomaly
58, 72.277, 4.184

Monochromacy



Original Color
59, 96.469, 337.627



Achromatopsia
50, 0.007, 296.813



Achromatomaly
49, 46.050, 334.132

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 96.336, 337.864 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, 33, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 33, 208)  
}
```

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, 33, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 33, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 96.336, 337.864 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, 33, 208) }
```

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

```
.border{ border-color:rgb(255, 33, 208) }
```

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

Here you see how a box with a 4 pixel rgb(255, 33, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 33, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 33, 208);  
box-shadow:4px 4px 4px 4px rgb(255, 33,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 96.336, 337.864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 33, 208) }
```

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

```
.background{ background-color: rgb(255, 33,  
208) }
```

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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