

Converting Colors

CIELCh(59, 99.537, 336.510)

Have a look what the booklet for
CIELCh(59, 99.537, 336.510)
contains.

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Color

CIELCh(59, 99.645, 336.127)

Conversions

Conversions Part 1

Format	Color
Hex	FF1AD7
RGB	255, 26, 215
RGB Percent	100%, 10%, 84%
CMY	0.0000, 0.8983, 0.1581
CMYK	0.00, 0.90, 0.16, 0.00
HSL	311°, 100%, 55%
HSV	311°, 90%, 100%
XYZ	54.1096, 27.0277, 66.4412
YIQ	116.0170, 75.8150, 107.3270

Conversions

Conversions Part 2

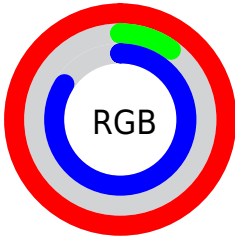
Format	Color
RYB	255, 26, 215
Decimal	16718551
CIELab	59.00, 91.12, -40.33
CIElCh	59, 99.645, 336.127
Yxy	27.0277, 0.3666, 0.1831
Android (android.graphics.Color)	4294908631 (0xFFFF1AD7)
YUV	116.0170, 48.7986, 121.8881
Hunter-Lab	51.9882, 94.8043, -39.3812

Details

The CIELCh color **59, 99.645, 336.127** 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, 109.267, 139.239**, and the grayscale version is **49, 0.006, 296.813**.

A 20% lighter version of the original color is **69, 87.120, 327.363**, and **44, 81.988, 336.471** is the 20% darker color. If you saturate the color by 10%, you get **58, 100.486, 336.917**, and if you desaturate by 10%, it is **61, 96.036, 335.141**.

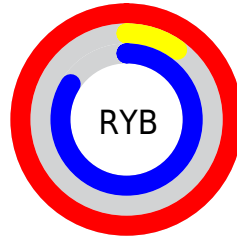
Distribution



Red (100%)

Green (10%)

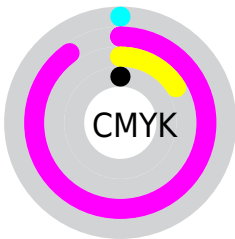
Blue (84%)



Red (100%)

Yellow (10%)

Blue (84%)

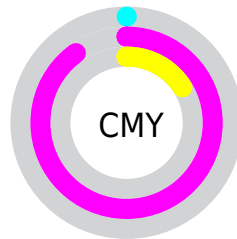


Cyan (0%)

Magenta (90%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (90%)


Yellow (16%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 99.645, 336.127 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, 99.645, 336.127 by changing the saturation by 10% instead.


 59, 99.645,
336.127


 59, 99.645,
336.127


 100, 99.645,
336.127

 49, 99.645,
336.127


 79, 99.645,
336.127

 39, 99.645,
336.127

 89, 99.645,
336.127

 29, 99.645,
336.127

 99, 99.645,
336.127

 19, 99.645,
336.127

 9, 99.645, 336.127

 0, 99.645, 336.127

■ 59, 99.645,
336.127

■ 59, 99.645,
336.127

■ 58, 100.486,
336.917

■ 61, 96.036,
335.141

■ 58, 100.493,
336.934

■ 63, 89.462,
334.373

■ 67, 80.198,
333.647

■ 71, 68.821,
332.947

■ 76, 55.977,
332.262

■ 82, 42.247,
331.590

■ 88, 28.097,
330.932

■ 94, 13.863,

330.283

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, 99.645, 336.127



88, 109.267, 139.239

Rectangle

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



59, 99.645, 336.127



59, 99.645, 26.127



59, 99.645, 156.127



59, 99.645, 206.127

Sweetspot

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



59, 99.603, 335.981



83, 38.272, 331.403



36, 126.538, 306.667



42, 25.763, 331.629



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, 99.603, 335.981



58, 100.493, 336.934



55, 83.055, 13.745



50, 8.018, 330.262



44, 81.129, 336.755



12, 37.931, 335.552

Inverse Universe

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



59, 99.603, 335.981



58, 100.493, 336.934



89, 70.409, 161.104



50, 8.018, 330.262



44, 81.129, 336.755



12, 37.931, 335.552

Previews

White Background



This preview shows how the CIELCh color 59, 99.645, 336.127 looks on a white background.

Color Contrast Check

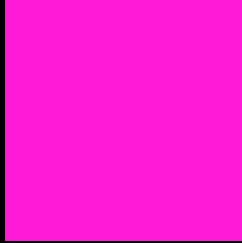
Large Text (above 18pt) WCAG AA ✓ Pass

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, 99.645, 336.127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

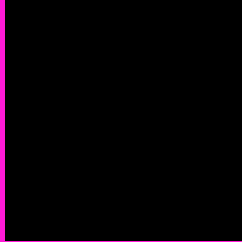
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 99.645, 336.127

Background



This preview shows how black text looks on a background with the CIELCh color 59, 99.645, 336.127.



This preview shows how white text looks on a background with the CIELCh color 59, 99.645, 336.127.

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, 99.694, 335.908

Protanopia

59, 65.789, 286.353

Deuteranopia

59, 34.857, 283.326



Tritanopia
59, 67.542, 26.713

Trichromacy



Original Color
59, 99.694, 335.908



Protanomaly
53, 81.809, 307.507



Deuteranomaly
54, 64.946, 316.274



Tritanomaly
58, 72.832, 1.944

Monochromacy



Original Color
59, 99.694, 335.908



Achromatopsia
49, 0.007, 296.813



Achromatomaly
48, 49.262, 332.985

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 99.645, 336.127 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, 26, 215)` looks like.

```
.text, #text, p{  
    color:rgb(255, 26, 215)  
}
```

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, 26, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 26, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 99.645, 336.127 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, 26, 215) }
```

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

```
.border{ border-color:rgb(255, 26, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 26, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 26, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 26, 215);  
box-shadow:4px 4px 4px 4px rgb(255, 26,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 99.645, 336.127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 26, 215) }
```

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

```
.background{ background-color: rgb(255, 26,  
215) }
```

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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