

Converting Colors

CIELCh(59, 90.071, 341.525)

Have a look what the booklet for
CIELCh(59, 90.071, 341.525)
contains.

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Color

CIELCh(59, 90.062, 341.536)

Conversions

Conversions Part 1

Format	Color
Hex	FF2DC2
RGB	255, 45, 194
RGB Percent	100%, 18%, 76%
CMY	0.0000, 0.8235, 0.2393
CMYK	0.00, 0.82, 0.24, 0.00
HSL	317°, 100%, 59%
HSV	317°, 82%, 100%
XYZ	51.9096, 27.0277, 53.5143
YIQ	124.7760, 77.3310, 90.8590

Conversions

Conversions Part 2

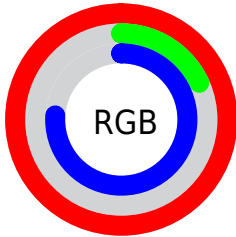
Format	Color
R _Y B	255, 45, 194
Decimal	16723394
CIE _{Lab}	59.00, 85.43, -28.52
CIE _{LCh}	59, 90.062, 341.536
Yxy	27.0277, 0.3919, 0.2041
Android (android.graphics.Color)	4294913474 (0xFFFF2DC2)
YUV	124.7760, 34.1274, 114.2064
Hunter-Lab	51.9882, 87.2508, -24.6387

Details

The CIELCh color **59, 90.062, 341.536** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **89, 95.979, 143.846**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 81.569, 328.110**, and **43, 76.068, 343.112** is the 20% darker color. If you saturate the color by 10%, you get **57, 92.388, 343.161**, and if you desaturate by 10%, it is **62, 84.773, 340.185**.

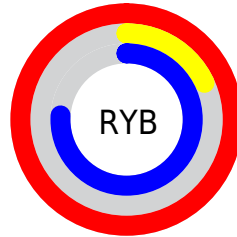
Distribution



Red (100%)

Green (18%)

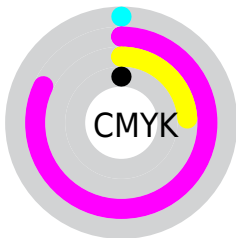
Blue (76%)



Red (100%)

Yellow (18%)

Blue (76%)

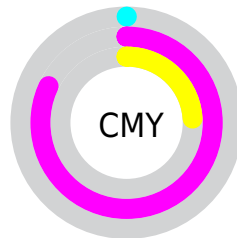


Cyan (0%)

Magenta (82%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (82%)


Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 90.062, 341.536 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, 90.062, 341.536 by changing the saturation by 10% instead.


 59, 90.062,
341.536


 59, 90.062,
341.536


 100, 90.062,
341.536


 49, 90.062,
341.536


 79, 90.062,
341.536

 39, 90.062,
341.536

 89, 90.062,
341.536

 29, 90.062,
341.536

 99, 90.062,
341.536

 19, 90.062,
341.536

 9, 90.062, 341.536

 0, 90.062, 341.536

■ 59, 90.062,
341.536

■ 59, 90.062,
341.536

■ 57, 92.388,
343.161

■ 62, 84.773,
340.185

■ 57, 92.528,
344.608

■ 65, 76.773,
339.032

■ 69, 66.607,
338.019

■ 74, 54.922,
337.105

■ 80, 42.313,
336.262

■ 86, 29.254,
335.475

■ 92, 16.088,
334.730

■ 98, 3.043, 333.931

100, 0.012,
275.842

Harmonies

Complementary

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



59, 90.062, 341.536



89, 95.979, 143.846

Rectangle

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



59, 90.062, 341.536



59, 90.062, 31.536



59, 90.062, 161.536



59, 90.062, 211.536

Sweetspot

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



59, 90.058, 341.536



84, 32.736, 335.679



41, 117.497, 307.920



43, 22.333, 335.955



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, 90.058, 341.536



57, 92.532, 344.415



56, 81.650, 20.056



50, 7.390, 334.521



43, 74.773, 344.239



11, 35.217, 341.777

Inverse Universe

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



59, 90.058, 341.536



57, 92.532, 344.415



90, 58.947, 172.089



50, 7.390, 334.521



43, 74.773, 344.239



11, 35.217, 341.777

Previews

White Background



This preview shows how the CIELCh color 59, 90.062, 341.536 looks on a white background.

Color Contrast Check

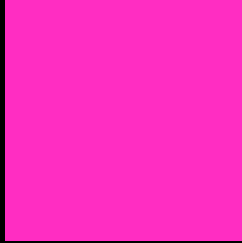
Large Text (above 18pt) WCAG AA ✓ Pass

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, 90.062, 341.536 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, 90.062, 341.536

Background



This preview shows how black text looks on a background with the CIELCh color 59, 90.062, 341.536.



This preview shows how white text looks on a background with the CIELCh color 59, 90.062, 341.536.

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





Tritanopia
59, 69.670, 27.185

Trichromacy



Original Color
59, 90.062, 341.536



Protanomaly
54, 73.955, 306.873



Deuteranomaly
55, 52.164, 324.151



Tritanomaly
58, 71.514, 7.075

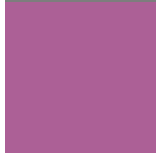
Monochromacy



Original Color
59, 90.062, 341.536



Achromatopsia
52, 0.007, 296.813



Achromatomaly
51, 41.597, 337.126

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 90.062, 341.536 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, 45, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 45, 194)  
}
```

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, 45, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 45, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 90.062, 341.536 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, 45, 194) }
```

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

```
.border{ border-color:rgb(255, 45, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 45, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 45, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 45, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 45,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 90.062, 341.536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 45, 194) }
```

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

```
.background{ background-color: rgb(255, 45,  
194) }
```

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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