

Converting Colors

CIELCh(83, 113.999, 5.827)

Have a look what the booklet for
CIELCh(83, 113.999, 5.827) contains.

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Color

CIELCh(59, 89.030, 342.427)

Conversions

Conversions Part 1

Format	Color
Hex	FF2EBF
RGB	255, 46, 191
RGB Percent	100%, 18%, 75%
CMY	0.0000, 0.8187, 0.2505
CMYK	0.00, 0.82, 0.25, 0.00
HSL	318°, 100%, 59%
HSV	318°, 82%, 100%
XYZ	51.7001, 27.0277, 51.8600
YIQ	125.0210, 78.0190, 89.4030

Conversions

Conversions Part 2

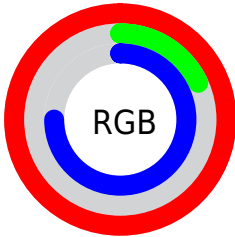
Format	Color
RYB	255, 46, 191
Decimal	16723647
CIELab	59.00, 84.88, -26.88
CIElCh	59, 89.030, 342.427
Yxy	27.0277, 0.3959, 0.2070
Android (android.graphics.Color)	4294913727 (0xFFFF2EBF)
YUV	125.0210, 32.5276, 113.9916
Hunter-Lab	51.9882, 86.5314, -22.7520

Details

The CIELCh color **59, 89.030, 342.427** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **89, 94.465, 144.469**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 80.397, 328.793**, and **43, 75.289, 344.228** is the 20% darker color. If you saturate the color by 10%, you get **57, 91.445, 344.124**, and if you desaturate by 10%, it is **62, 83.635, 340.966**.

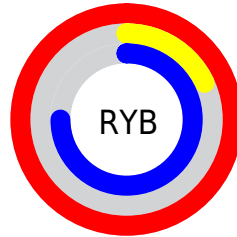
Distribution



Red (100%)

Green (18%)

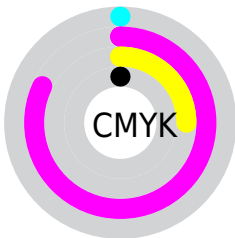
Blue (75%)



Red (100%)

Yellow (18%)

Blue (75%)

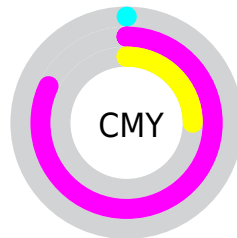


Cyan (0%)

Magenta (82%)

Yellow (25%)

Black (0%)



Cyan (0%)

Magenta (82%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 89.030, 342.427 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, 89.030, 342.427 by changing the saturation by 10% instead.


 59, 89.030,
342.427


 59, 89.030,
342.427

 100, 89.030,
342.427


 49, 89.030,
342.427

 79, 89.030,
342.427

 39, 89.030,
342.427

 89, 89.030,
342.427

 29, 89.030,
342.427

 99, 89.030,
342.427

 19, 89.030,
342.427

 9, 89.030, 342.427

 0, 89.030, 342.427

■ 59, 89.030,
342.427

■ 59, 89.030,
342.427

■ 57, 91.445,
344.124

■ 62, 83.635,
340.966

■ 57, 91.617,
345.778

■ 65, 75.584,
339.757

■ 70, 65.415,
338.702

■ 75, 53.776,
337.757

■ 80, 41.252,
336.892

■ 86, 28.310,
336.088

■ 92, 15.282,
335.329

■ 99, 2.388, 334.484

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, 89.030, 342.427



89, 94.465, 144.469

Rectangle

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



59, 89.030, 342.427



59, 89.030, 32.427



59, 89.030, 162.427



59, 89.030, 212.427

Sweetspot

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



59, 89.009, 342.395



84, 32.389, 336.334



42, 116.724, 308.197



43, 22.098, 336.616



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, 89.009, 342.395



57, 91.622, 345.362



56, 81.823, 21.172



50, 7.309, 335.153



42, 74.038, 345.379



11, 34.890, 342.716

Inverse Universe

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



59, 89.009, 342.395



57, 91.622, 345.362



90, 57.724, 173.713



50, 7.309, 335.153



42, 74.038, 345.379



11, 34.890, 342.716

Previews

White Background



This preview shows how the CIELCh color 59, 89.030, 342.427 looks on a white background.

Color Contrast Check

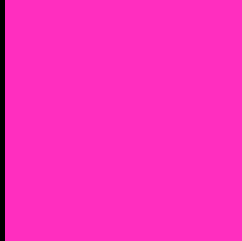
Large Text (above 18pt) WCAG AA ✓ Pass

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, 89.030, 342.427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

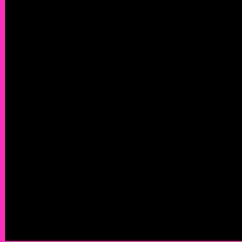
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 89.030, 342.427

Background



This preview shows how black text looks on a background with the CIELCh color 59, 89.030, 342.427.



This preview shows how white text looks on a background with the CIELCh color 59, 89.030, 342.427.

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, 89.030, 342.427

Protanopia

60, 65.740, 286.642

Deuteranopia

59, 23.261, 290.256



Tritanopia
59, 69.872, 27.608

Trichromacy



Original Color
59, 89.030, 342.427



Protanomaly
54, 73.429, 306.928



Deuteranomaly
55, 51.260, 324.818



Tritanomaly
58, 71.194, 8.144

Monochromacy



Original Color
59, 89.030, 342.427



Achromatopsia
52, 0.007, 296.813



Achromatomaly
51, 41.236, 337.718

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 89.030, 342.427 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, 46, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 46, 191)  
}
```

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, 46, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 46, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 89.030, 342.427 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, 46, 191) }
```

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

```
.border{ border-color:rgb(255, 46, 191) }
```

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

Here you see how a box with a 4 pixel rgb(255, 46, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 46, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 46, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 46,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 89.030, 342.427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 46, 191) }
```

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

```
.background{ background-color: rgb(255, 46,  
191) }
```

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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