

Converting Colors

CIELCh(59, 86.912, 343.667)

Have a look what the booklet for
CIELCh(59, 86.912, 343.667)
contains.

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Color

CIELCh(59, 86.898, 343.527)

Conversions

Conversions Part 1

Format	Color
Hex	FE32BB
RGB	254, 50, 187
RGB Percent	100%, 20%, 73%
CMY	0.0029, 0.8025, 0.2658
CMYK	0.00, 0.80, 0.26, 0.00
HSL	320°, 99%, 60%
HSV	320°, 80%, 100%
XYZ	51.1155, 27.0277, 49.6617
YIQ	126.6140, 77.6070, 85.8550

Conversions

Conversions Part 2

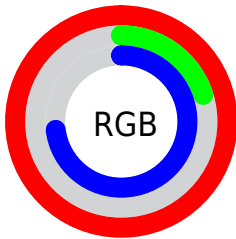
Format	Color
R_{YB}	254, 50, 187
Decimal	16659131
CIE _{Lab}	59.00, 83.33, -24.64
CIE _{LCh}	59, 86.898, 343.527
Yxy	27.0277, 0.3999, 0.2115
Android (android.graphics.Color)	4294849211 (0xFFFE32BB)
YUV	126.6140, 29.7703, 111.7175
Hunter-Lab	51.9882, 84.5243, -20.2449

Details

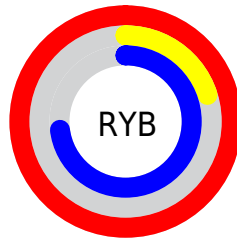
The CIELCh color **59, 86.898, 343.527** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **88, 91.224, 145.614**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 77.441, 329.988**, and **43, 74.431, 345.098** is the 20% darker color. If you saturate the color by 10%, you get **57, 89.776, 345.375**, and if you desaturate by 10%, it is **62, 81.123, 342.012**.

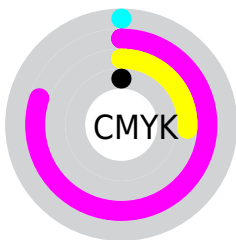
Distribution



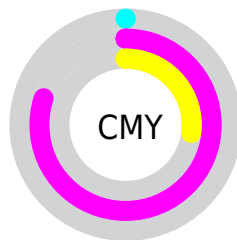
- Red (100%)
- Green (20%)
- Blue (73%)



- Red (100%)
- Yellow (20%)
- Blue (73%)



- Cyan (0%)
- Magenta (80%)
- Yellow (26%)
- Black (0%)





- Cyan (0%)
- Magenta (80%)
- Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 86.898, 343.527 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, 86.898, 343.527 by changing the saturation by 10% instead.


 59, 86.898,
343.527


 59, 86.898,
343.527

 100, 86.898,
343.527


 49, 86.898,
343.527


 79, 86.898,
343.527

 39, 86.898,
343.527

 89, 86.898,
343.527

 29, 86.898,
343.527

 99, 86.898,
343.527

 19, 86.898,
343.527

 9, 86.898, 343.527

 0, 86.898, 343.527

■ 59, 86.898,
343.527

■ 59, 86.898,
343.527

■ 57, 89.776,
345.375

■ 62, 81.123,
342.012

■ 56, 90.151,
347.564

■ 66, 72.789,
340.738

■ 70, 62.477,
339.636

■ 75, 50.830,
338.655

■ 81, 38.409,
337.764

■ 87, 25.652,
336.941

■ 93, 12.865,
336.165

100, 0.246,

333.798

100, 0.258,
201.954

Harmonies

Complementary

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



59, 86.898, 343.527



88, 91.224, 145.614

Rectangle

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



59, 86.898, 343.527



59, 86.898, 33.527



59, 86.898, 163.527



59, 86.898, 213.527

Sweetspot

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



59, 86.894, 343.527



85, 30.603, 337.248



43, 114.346, 308.441



43, 21.032, 337.543



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, 86.894, 343.527



57, 90.364, 346.641



56, 80.864, 21.712



50, 7.191, 336.113



42, 73.014, 347.122



11, 34.427, 344.149

Inverse Universe

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



59, 86.894, 343.527



57, 90.364, 346.641



90, 56.016, 175.572



50, 7.191, 336.113



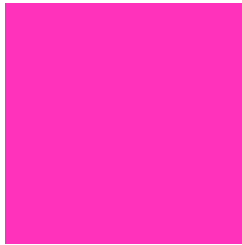
42, 73.014, 347.122



11, 34.427, 344.149

Previews

White Background



This preview shows how the CIELCh color 59, 86.898, 343.527 looks on a white background.

Color Contrast Check

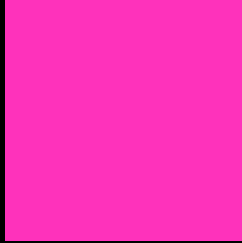
Large Text (above 18pt) WCAG AA ✓ Pass

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, 86.898, 343.527 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, 86.898, 343.527

Background



This preview shows how black text looks on a background with the CIELCh color 59, 86.898, 343.527.



This preview shows how white text looks on a background with the CIELCh color 59, 86.898, 343.527.

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, 86.898, 343.527

Protanopia

60, 64.622, 286.597

Deuteranopia

59, 20.997, 292.536



Tritanopia
59, 69.670, 27.185

Trichromacy



Original Color
59, 86.898, 343.527



Protanomaly
55, 70.632, 306.953



Deuteranomaly
56, 48.525, 326.978



Tritanomaly
58, 70.890, 8.771

Monochromacy



Original Color
59, 86.898, 343.527



Achromatopsia
53, 0.007, 296.813



Achromatomaly
52, 39.610, 338.593

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 86.898, 343.527 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, 50, 187)` looks like.

```
.text, #text, p{  
    color:rgb(254, 50, 187)  
}
```

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, 50, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 50, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 86.898, 343.527 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, 50, 187) }
```

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

```
.border{ border-color:rgb(254, 50, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 50, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 50, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 50, 187);  
box-shadow:4px 4px 4px 4px rgb(254, 50,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 86.898, 343.527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 50, 187) }
```

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

```
.background{ background-color: rgb(254, 50,  
187) }
```

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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