

Converting Colors

CIELCh(59, 93.695, 339.660)

Have a look what the booklet for
CIELCh(59, 93.695, 339.660)
contains.

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Color

CIELCh(59, 93.497, 339.478)

Conversions

Conversions Part 1

Format	Color
Hex	FF27C9
RGB	255, 39, 201
RGB Percent	100%, 15%, 79%
CMY	0.0000, 0.8476, 0.2101
CMYK	0.00, 0.85, 0.21, 0.00
HSL	315°, 100%, 58%
HSV	315°, 85%, 100%
XYZ	52.7284, 27.0277, 57.9585
YIQ	122.0520, 76.7340, 96.1740

Conversions

Conversions Part 2

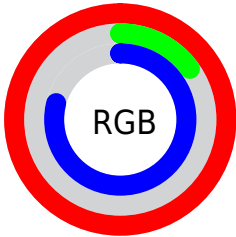
Format	Color
R_{YB}	255, 39, 201
Decimal	16721865
CIE _{Lab}	59.00, 87.56, -32.78
CIE _{LCh}	59, 93.497, 339.478
Yxy	27.0277, 0.3829, 0.1963
Android (android.graphics.Color)	4294911945 (0xFFFF27C9)
YUV	122.0520, 38.9214, 116.5954
Hunter-Lab	51.9882, 90.0619, -29.7071

Details

The CIELCh color **59, 93.497, 339.478** 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 **88, 100.924, 142.031**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 84.662, 327.285**, and **43, 78.004, 340.631** is the 20% darker color. If you saturate the color by 10%, you get **58, 95.216, 340.748**, and if you desaturate by 10%, it is **61, 88.712, 338.218**.

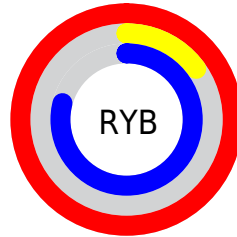
Distribution



Red (100%)

Green (15%)

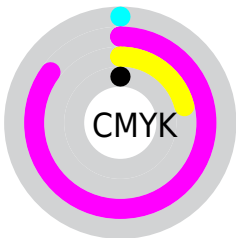
Blue (79%)



Red (100%)

Yellow (15%)

Blue (79%)

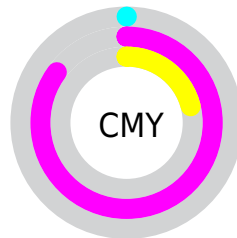


Cyan (0%)

Magenta (85%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (85%)


Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 93.497, 339.478 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, 93.497, 339.478 by changing the saturation by 10% instead.

 59, 93.497,
339.478

 59, 93.497,
339.478

 100, 93.497,
339.478

 49, 93.497,
339.478

 79, 93.497,
339.478

 39, 93.497,
339.478

 89, 93.497,
339.478

 29, 93.497,
339.478

 99, 93.497,
339.478

 19, 93.497,
339.478

 9, 93.497, 339.478

 0, 93.497, 339.478

■ 59, 93.497,
339.478

■ 59, 93.497,
339.478

■ 58, 95.216,
340.748

■ 61, 88.712,
338.218

■ 57, 95.267,
341.546

■ 64, 81.123,
337.207

■ 69, 71.176,
336.298

■ 73, 59.511,
335.461

■ 79, 46.747,
334.676

■ 85, 33.399,
333.932

■ 91, 19.850,
333.219

■ 97, 6.362, 332.508

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, 93.497, 339.478



88, 100.924, 142.031

Rectangle

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



59, 93.497, 339.478



59, 93.497, 29.478



59, 93.497, 159.478



59, 93.497, 209.478

Sweetspot

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



59, 93.452, 339.379



84, 33.718, 333.949



39, 120.817, 307.233



43, 22.998, 334.207



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, 93.452, 339.379



57, 95.267, 341.546



56, 81.877, 17.056



50, 7.619, 332.852



43, 76.964, 341.255



11, 36.172, 339.310

Inverse Universe

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



59, 93.452, 339.379



57, 95.267, 341.546



90, 63.254, 167.308



50, 7.619, 332.852



43, 76.964, 341.255



11, 36.172, 339.310

Previews

White Background



This preview shows how the CIELCh color 59, 93.497, 339.478 looks on a white background.

Color Contrast Check

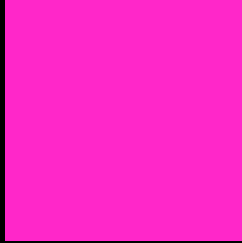
Large Text (above 18pt) WCAG AA ✓ Pass

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, 93.497, 339.478 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, 93.497, 339.478

Background



This preview shows how black text looks on a background with the CIELCh color 59, 93.497, 339.478.

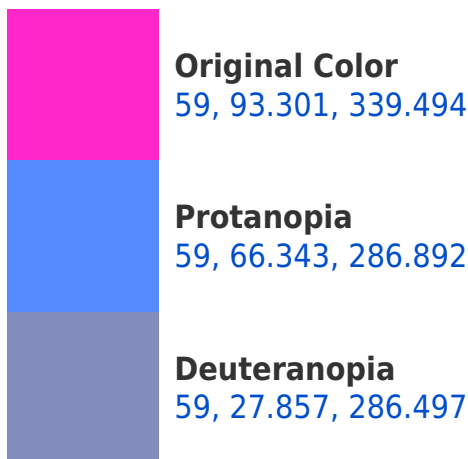


This preview shows how white text looks on a background with the CIELCh color 59, 93.497, 339.478.

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, 69.275, 27.123

Trichromacy



Original Color
59, 93.301, 339.494



Protanomaly
54, 77.346, 307.246



Deuteranomaly
55, 56.668, 320.537



Tritanomaly
58, 71.894, 5.221

Monochromacy



Original Color
59, 93.301, 339.494



Achromatopsia
51, 0.007, 296.813



Achromatomaly
50, 44.003, 335.278

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 93.497, 339.478 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, 39, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 39, 201)  
}
```

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, 39, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 39, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 93.497, 339.478 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, 39, 201) }
```

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

```
.border{ border-color:rgb(255, 39, 201) }
```

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

Here you see how a box with a 4 pixel rgb(255, 39, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 39, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 39, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 39,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 93.497, 339.478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 39, 201) }
```

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

```
.background{ background-color: rgb(255, 39,  
201) }
```

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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