

Converting Colors

CIELCh(59, 93.663, 333.279)

Have a look what the booklet for
CIELCh(59, 93.663, 333.279)
contains.

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Color

CIELCh(59, 93.689, 333.224)

Conversions

Conversions Part 1

Format	Color
Hex	F438DA
RGB	244, 56, 218
RGB Percent	96%, 22%, 85%
CMY	0.0442, 0.7817, 0.1461
CMYK	0.00, 0.77, 0.11, 0.04
HSL	308°, 89%, 59%
HSV	308°, 77%, 96%
XYZ	51.2333, 27.0277, 68.6746
YIQ	130.6800, 60.0460, 90.2380

Conversions

Conversions Part 2

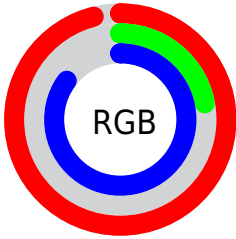
Format	Color
R _Y B	244, 56, 218
Decimal	16005338
CIE Lab	59.00, 83.64, -42.21
CIE LCh	59, 93.689, 333.224
Yxy	27.0277, 0.3487, 0.1839
Android (android.graphics.Color)	4294195418 (0xFFFF438DA)
YUV	130.6800, 43.0488, 99.3816
Hunter-Lab	51.9882, 84.9287, -41.9282

Details

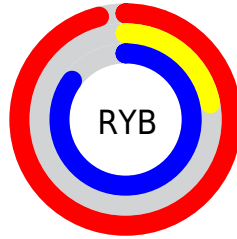
The CIELCh color **59, 93.689, 333.224** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **85, 98.238, 140.278**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 80.052, 327.139**, and **42, 82.333, 333.396** is the 20% darker color. If you saturate the color by 10%, you get **57, 98.183, 333.866**, and if you desaturate by 10%, it is **62, 86.335, 332.601**.

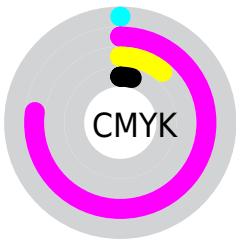
Distribution



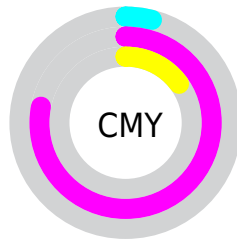
- Red (96%)
- Green (22%)
- Blue (85%)



- Red (96%)
- Yellow (22%)
- Blue (85%)



- Cyan (0%)
- Magenta (77%)
- Yellow (11%)
- Black (4%)





- Cyan (4%)
- Magenta (78%)
- Yellow (15%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 93.689, 333.224 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, 93.689, 333.224 by changing the saturation by 10% instead.


 59, 93.689,
333.224


 59, 93.689,
333.224


 100, 93.689,
333.224

 49, 93.689,
333.224

 79, 93.689,
333.224

 39, 93.689,
333.224

 89, 93.689,
333.224

 29, 93.689,
333.224

 99, 93.689,
333.224

 19, 93.689,
333.224

 9, 93.689, 333.224

 0, 93.689, 333.224

59, 93.689,
333.224

59, 93.689,
333.224

57, 98.183,
333.866

62, 86.335,
332.601

56, 99.853,
334.549

65, 76.515,
331.982

56, 100.046,
334.749

70, 64.808,
331.358

75, 51.824,
330.731

80, 38.100,
330.103

86, 24.055,
329.479

92, 9.987, 328.852

98, 3.905, 148.383

Harmonies

Complementary

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



59, 93.689, 333.224



85, 98.238, 140.278

Rectangle

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



59, 93.689, 333.224



59, 93.689, 23.224



59, 93.689, 153.224



59, 93.689, 203.224

Sweetspot

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



59, 93.686, 333.224



86, 33.477, 329.846



40, 108.976, 305.073



44, 23.165, 330.073



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, 93.686, 333.224



59, 102.966, 334.274



56, 73.684, 5.249



48, 7.963, 329.000



43, 81.874, 334.624



10, 36.922, 333.666

Inverse Universe

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



59, 93.686, 333.224



59, 102.966, 334.274



86, 64.391, 161.457



48, 7.963, 329.000



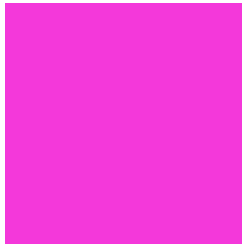
43, 81.874, 334.624



10, 36.922, 333.666

Previews

White Background



This preview shows how the CIELCh color 59, 93.689, 333.224 looks on a white background.

Color Contrast Check

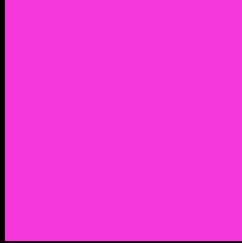
Large Text (above 18pt) WCAG AA ✓ Pass

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, 93.689, 333.224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

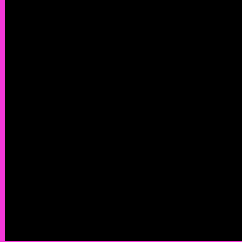
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 93.689, 333.224

Background



This preview shows how black text looks on a background with the CIELCh color 59, 93.689, 333.224.



This preview shows how white text looks on a background with the CIELCh color 59, 93.689, 333.224.

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, 93.689, 333.224

Protanopia

60, 65.765, 286.497

Deuteranopia

59, 37.169, 283.044



Tritanopia
59, 58.044, 23.539

Trichromacy



Original Color
59, 93.689, 333.224



Protanomaly
55, 75.716, 304.923



Deuteranomaly
56, 59.327, 312.415



Tritanomaly
58, 64.551, 358.485

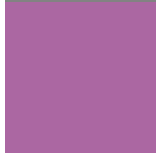
Monochromacy



Original Color
59, 93.689, 333.224



Achromatopsia
54, 0.007, 296.813



Achromatomaly
53, 41.662, 330.638

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 93.689, 333.224 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(244, 56, 218)` looks like.

```
.text, #text, p{  
    color:rgb(244, 56, 218)  
}
```

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(244, 56, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 56, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 93.689, 333.224 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(244, 56, 218) }
```

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

```
.border{ border-color:rgb(244, 56, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 56, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 56, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 56, 218);  
box-shadow:4px 4px 4px 4px rgb(244, 56,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 93.689, 333.224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 56, 218) }
```

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

```
.background{ background-color: rgb(244, 56,  
218) }
```

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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