

Converting Colors

CIELCh(59, 90.319, 333.721)

Have a look what the booklet for
CIELCh(59, 90.319, 333.721)
contains.

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Color

CIELCh(59, 90.248, 333.581)

Conversions

Conversions Part 1

Format	Color
Hex	F13ED6
RGB	241, 62, 214
RGB Percent	95%, 24%, 84%
CMY	0.0546, 0.7565, 0.1605
CMYK	0.00, 0.74, 0.11, 0.05
HSL	309°, 87%, 59%
HSV	309°, 74%, 95%
XYZ	50.1754, 27.0277, 66.2380
YIQ	132.8490, 57.8920, 85.2200

Conversions

Conversions Part 2

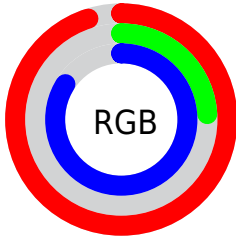
Format	Color
R _{YB}	241, 62, 214
Decimal	15810262
CIE _{Lab}	59.00, 80.82, -40.15
CIE _{LCh}	59, 90.248, 333.581
Yxy	27.0277, 0.3498, 0.1884
Android (android.graphics.Color)	4294000342 (0xFFFF13ED6)
YUV	132.8490, 40.0074, 94.8484
Hunter-Lab	51.9882, 81.2964, -39.1494

Details

The CIELCh color **59, 90.248, 333.581** 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 **84, 94.029, 141.059**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 78.466, 327.088**, and **42, 81.239, 333.739** is the 20% darker color. If you saturate the color by 10%, you get **57, 95.487, 334.266**, and if you desaturate by 10%, it is **62, 82.262, 332.923**.

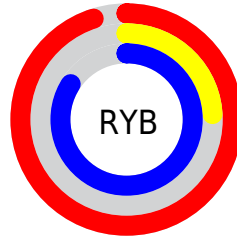
Distribution



Red (95%)

Green (24%)

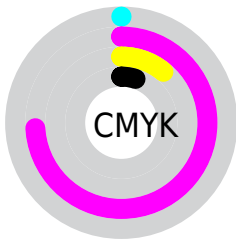
Blue (84%)



Red (95%)

Yellow (24%)

Blue (84%)

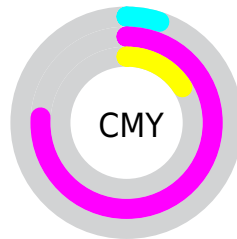


Cyan (0%)

Magenta (74%)

Yellow (11%)

Black (5%)



Cyan (5%)


Magenta (76%)


Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 90.248, 333.581 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, 90.248, 333.581 by changing the saturation by 10% instead.


 59, 90.248,
333.581


 59, 90.248,
333.581


 100, 90.248,
333.581


 49, 90.248,
333.581


 79, 90.248,
333.581

 39, 90.248,
333.581

 89, 90.248,
333.581

 29, 90.248,
333.581

 99, 90.248,
333.581

 19, 90.248,
333.581

 9, 90.248, 333.581

 0, 90.248, 333.581

59, 90.248,
333.581

59, 90.248,
333.581

57, 95.487,
334.266

62, 82.262,
332.923

56, 97.855,
335.001

66, 72.000,
332.274

55, 98.242,
335.452

70, 60.061,
331.629

75, 47.034,
330.986

81, 33.416,
330.347

87, 19.583,
329.716

93, 5.796, 329.067

99, 7.772, 148.581

Harmonies

Complementary

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



59, 90.248, 333.581



84, 94.029, 141.059

Rectangle

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



59, 90.248, 333.581



59, 90.248, 23.581



59, 90.248, 153.581



59, 90.248, 203.581

Sweetspot

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



59, 90.245, 333.581



86, 31.737, 330.210



41, 104.033, 304.939



44, 21.326, 330.382



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, 90.245, 333.581



59, 101.241, 334.627



56, 71.127, 5.553



47, 7.757, 329.415



42, 80.254, 335.308



9, 35.606, 334.182

Inverse Universe

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



59, 90.245, 333.581



59, 101.241, 334.627



86, 61.139, 163.136



47, 7.757, 329.415



42, 80.254, 335.308



9, 35.606, 334.182

Previews

White Background



This preview shows how the CIELCh color 59, 90.248, 333.581 looks on a white background.

Color Contrast Check

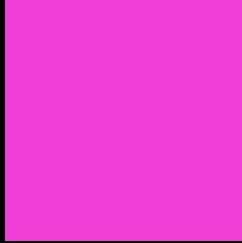
Large Text (above 18pt) WCAG AA ✓ Pass

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, 90.248, 333.581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

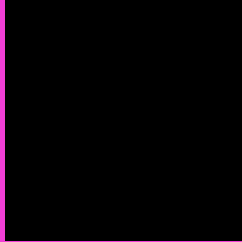
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 90.248, 333.581

Background



This preview shows how black text looks on a background with the CIELCh color 59, 90.248, 333.581.

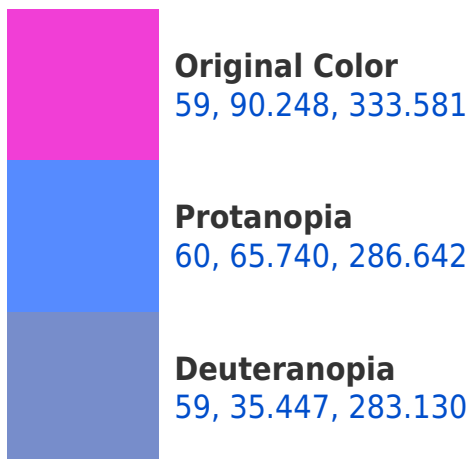


This preview shows how white text looks on a background with the CIELCh color 59, 90.248, 333.581.

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, 55.875, 23.008

Trichromacy



Original Color
59, 90.248, 333.581



Protanomaly
55, 73.956, 304.342



Deuteranomaly
56, 56.517, 312.543



Tritanomaly
58, 62.065, 358.512

Monochromacy



Original Color
59, 90.248, 333.581



Achromatopsia
56, 0.007, 296.813



Achromatomaly
54, 39.282, 331.265

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 90.248, 333.581 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(241, 62, 214)` looks like.

```
.text, #text, p{  
    color:rgb(241, 62, 214)  
}
```

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(241, 62, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 62, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 90.248, 333.581 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(241, 62, 214) }
```

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

```
.border{ border-color:rgb(241, 62, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 62, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 62, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 62, 214);  
box-shadow:4px 4px 4px 4px rgb(241, 62,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 90.248, 333.581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 62, 214) }
```

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

```
.background{ background-color: rgb(241, 62,  
214) }
```

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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