

Converting Colors

CIELCh(61, 82.904, 335.343)

Have a look what the booklet for
CIELCh(61, 82.904, 335.343)
contains.

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Color

CIELCh(61, 82.830, 335.288)

Conversions

Conversions Part 1

Format	Color
Hex	F34FD2
RGB	243, 79, 210
RGB Percent	95%, 31%, 82%
CMY	0.0476, 0.6907, 0.1770
CMYK	0.00, 0.68, 0.14, 0.05
HSL	312°, 87%, 63%
HSV	312°, 68%, 95%
XYZ	51.3172, 29.2481, 63.8307
YIQ	142.9700, 55.6930, 75.5090

Conversions

Conversions Part 2

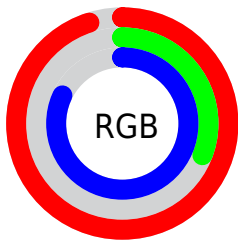
Format	Color
R _Y B	243, 79, 210
Decimal	15945682
CIE Lab	61.00, 75.24, -34.63
CIE LCh	61, 82.830, 335.288
Yxy	29.2481, 0.3554, 0.2026
Android (android.graphics.Color)	4294135762 (0xFFFF34FD2)
YUV	142.9700, 33.0458, 87.7263
Hunter-Lab	54.0815, 74.7334, -32.1210

Details

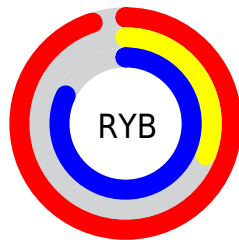
The CIELCh color **61, 82.830, 335.288** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **85, 85.012, 143.550**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **74, 71.342, 326.858**, and **42, 79.931, 335.423** is the 20% darker color. If you saturate the color by 10%, you get **58, 89.690, 336.136**, and if you desaturate by 10%, it is **65, 73.524, 334.502**.

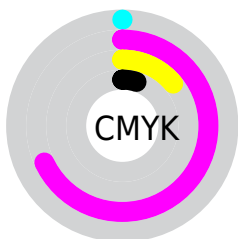
Distribution



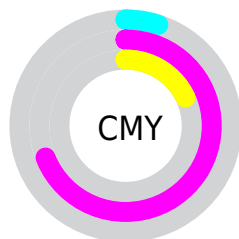
- Red (95%)
- Green (31%)
- Blue (82%)



- Red (95%)
- Yellow (31%)
- Blue (82%)



- Cyan (0%)
- Magenta (68%)
- Yellow (14%)
- Black (5%)



- Cyan (5%)
- Magenta (69%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 82.830, 335.288 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 61, 82.830, 335.288 by changing the saturation by 10% instead.


 61, 82.830,
335.288

 61, 82.830,
335.288


 100, 82.830,
335.288


 51, 82.830,
335.288


 81, 82.830,
335.288

 41, 82.830,
335.288

 91, 82.830,
335.288

 31, 82.830,
335.288

 21, 82.830,
335.288

 11, 82.830,
335.288

 1, 82.830, 335.288

 0, 82.830, 335.288

61, 82.830,
335.288

61, 82.830,
335.288

58, 89.690,
336.136

65, 73.524,
334.502

56, 93.721,
337.080

69, 62.368,
333.756

55, 94.961,
338.158

74, 49.968,
333.038

55, 95.049,
338.438

79, 36.856,
332.343

85, 23.440,
331.668

91, 10.010,
331.003

97, 3.244, 150.530

99, 5.260, 163.460

Harmonies

Complementary

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



61, 82.830, 335.288



85, 85.012, 143.550

Rectangle

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



61, 82.830, 335.288



61, 82.830, 25.288



61, 82.830, 155.288



61, 82.830, 205.288

Sweetspot

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



61, 82.827, 335.288



87, 27.848, 331.837



46, 94.956, 305.017



45, 19.009, 332.027



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



61, 82.827, 335.288



60, 94.957, 336.471



58, 66.371, 7.330



48, 7.617, 331.135



42, 78.047, 338.233



10, 35.400, 336.652

Inverse Universe

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



61, 82.827, 335.288



60, 94.957, 336.471



87, 54.762, 167.852



48, 7.617, 331.135



42, 78.047, 338.233



10, 35.400, 336.652

Previews

White Background



This preview shows how the CIELCh color 61, 82.830, 335.288 looks on a white background.

Color Contrast Check

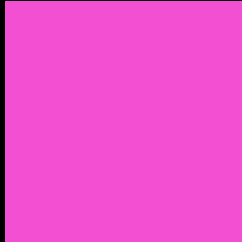
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 82.830, 335.288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

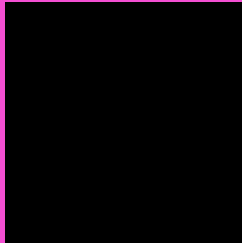
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 82.830, 335.288

Background



This preview shows how black text looks on a background with the CIELCh color 61, 82.830, 335.288.

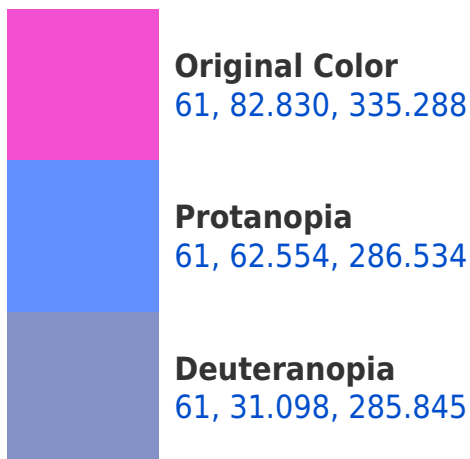


This preview shows how white text looks on a background with the CIELCh color 61, 82.830, 335.288.

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
61, 53.300, 22.131

Trichromacy



Original Color
61, 82.830, 335.288



Protanomaly
58, 67.952, 304.473



Deuteranomaly
59, 49.909, 314.756



Tritanomaly
61, 58.712, 359.520

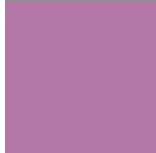
Monochromacy



Original Color
61, 82.830, 335.288



Achromatopsia
59, 0.008, 296.813



Achromatomaly
58, 34.329, 332.758

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 82.830, 335.288 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(243, 79, 210)` looks like.

```
.text, #text, p{  
    color:rgb(243, 79, 210)  
}
```

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(243, 79, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 79, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 82.830, 335.288 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(243, 79, 210) }
```

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

```
.border{ border-color:rgb(243, 79, 210) }
```

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

Here you see how a box with a 4 pixel rgb(243, 79, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 79, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 79, 210);  
box-shadow:4px 4px 4px 4px rgb(243, 79,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 82.830, 335.288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 79, 210) }
```

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

```
.background{ background-color: rgb(243, 79,  
210) }
```

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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