

Converting Colors

CIELCh(61, 82.382, 335.331)

Have a look what the booklet for
CIELCh(61, 82.382, 335.331)
contains.

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Color

CIELCh(61, 82.382, 335.331)

Conversions

Conversions Part 1

Format	Color
Hex	F24FD1
RGB	242, 79, 209
RGB Percent	95%, 31%, 82%
CMY	0.0491, 0.6882, 0.1787
CMYK	0.00, 0.67, 0.14, 0.05
HSL	312°, 87%, 63%
HSV	312°, 67%, 95%
XYZ	51.1732, 29.2481, 63.5526
YIQ	142.5570, 55.4180, 74.9860

Conversions

Conversions Part 2

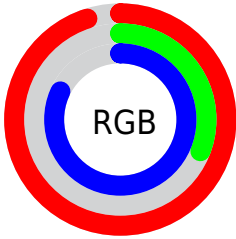
Format	Color
R _{YB}	242, 79, 209
Decimal	15880145
CIE _{Lab}	61.00, 74.86, -34.38
CIE _{LCh}	61, 82.382, 335.331
Yxy	29.2481, 0.3554, 0.2031
Android (android.graphics.Color)	4294070225 (0xFFFF24FD1)
YUV	142.5570, 32.7564, 87.2115
Hunter-Lab	54.0815, 74.2582, -31.8161

Details

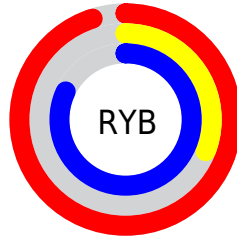
The CIELCh color **61, 82.382, 335.331** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **85, 84.491, 143.648**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **74, 71.342, 326.858**, and **42, 79.559, 335.466** is the 20% darker color. If you saturate the color by 10%, you get **58, 89.310, 336.183**, and if you desaturate by 10%, it is **65, 73.029, 334.542**.

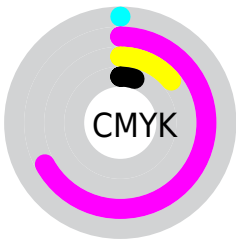
Distribution



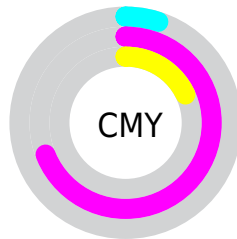
- Red (95%)
- Green (31%)
- Blue (82%)



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



- Cyan (0%)
- Magenta (67%)
- Yellow (14%)
- Black (5%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 82.382, 335.331 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, 82.382, 335.331 by changing the saturation by 10% instead.


 61, 82.382,
335.331


 61, 82.382,
335.331


 100, 82.382,
335.331


 51, 82.382,
335.331


 81, 82.382,
335.331

 41, 82.382,
335.331

 91, 82.382,
335.331

 31, 82.382,
335.331

 21, 82.382,
335.331

 11, 82.382,
335.331

 1, 82.382, 335.331

 0, 82.382, 335.331

61, 82.382,
335.331

61, 82.382,
335.331

58, 89.310,
336.183

65, 73.029,
334.542

56, 93.421,
337.131

69, 61.850,
333.794

55, 94.726,
338.215

74, 49.449,
333.075

55, 94.824,
338.534

80, 36.352,
332.379

85, 22.963,
331.703

91, 9.568, 331.036

97, 3.647, 150.553

99, 5.432, 163.418

Harmonies

Complementary

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



61, 82.382, 335.331



85, 84.491, 143.648

Rectangle

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



61, 82.382, 335.331



61, 82.382, 25.331



61, 82.382, 155.331



61, 82.382, 205.331

Sweetspot

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



61, 82.379, 335.331



87, 27.818, 331.893



46, 94.384, 304.978



45, 18.989, 332.083



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, 82.379, 335.331



60, 94.857, 336.549



58, 66.029, 7.229



48, 7.608, 331.190



42, 77.957, 338.328



10, 35.364, 336.730

Inverse Universe

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



61, 82.379, 335.331



60, 94.857, 336.549



87, 54.512, 167.905



48, 7.608, 331.190



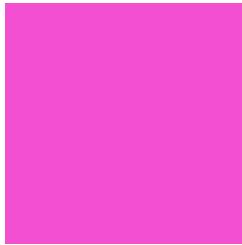
42, 77.957, 338.328



10, 35.364, 336.730

Previews

White Background



This preview shows how the CIELCh color 61, 82.382, 335.331 looks on a white background.

Color Contrast Check

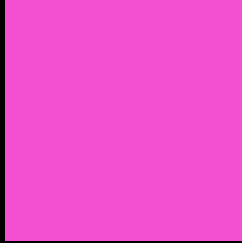
Large Text (above 18pt) WCAG AA ✓ Pass

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, 82.382, 335.331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

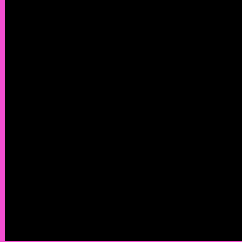
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 82.382, 335.331

Background



This preview shows how black text looks on a background with the CIELCh color 61, 82.382, 335.331.

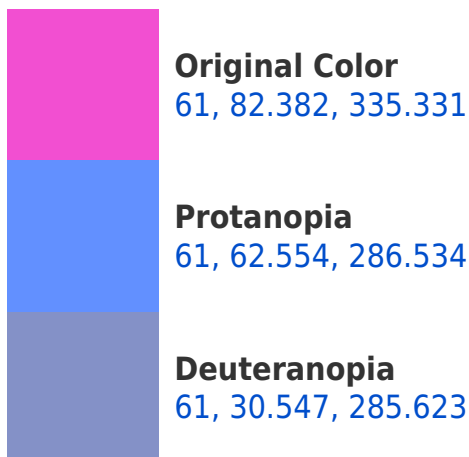


This preview shows how white text looks on a background with the CIELCh color 61, 82.382, 335.331.

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, 82.382, 335.331



Protanomaly
58, 66.797, 304.288



Deuteranomaly
59, 49.403, 314.981



Tritanomaly
60, 58.404, 359.281

Monochromacy



Original Color
61, 82.382, 335.331



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, 82.382, 335.331 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(242, 79, 209)` looks like.

```
.text, #text, p{  
    color:rgb(242, 79, 209)  
}
```

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(242, 79, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 79, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 82.382, 335.331 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(242, 79, 209) }
```

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

```
.border{ border-color:rgb(242, 79, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 79, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 79, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 79, 209);  
box-shadow:4px 4px 4px 4px rgb(242, 79,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 82.382, 335.331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 79, 209) }
```

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

```
.background{ background-color: rgb(242, 79,  
209) }
```

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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