

Converting Colors

CIELCh(61, 76.621, 338.466)

Have a look what the booklet for
CIELCh(61, 76.621, 338.466)
contains.

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Color

CIELCh(61, 76.584, 338.484)

Conversions

Conversions Part 1

Format	Color
Hex	F154C6
RGB	241, 84, 198
RGB Percent	95%, 33%, 78%
CMY	0.0535, 0.6692, 0.2223
CMYK	0.00, 0.65, 0.18, 0.05
HSL	316°, 85%, 64%
HSV	316°, 65%, 95%
XYZ	49.8205, 29.2481, 56.6378
YIQ	143.9390, 56.9780, 68.7380

Conversions

Conversions Part 2

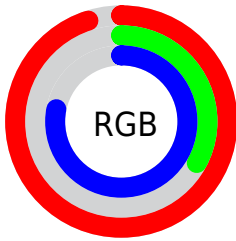
Format	Color
R _Y B	241, 84, 198
Decimal	15815878
CIE Lab	61.00, 71.25, -28.09
CIE LCh	61, 76.584, 338.484
Yxy	29.2481, 0.3671, 0.2155
Android (android.graphics.Color)	4294005958 (0xFFFF154C6)
YUV	143.9390, 26.6521, 85.1225
Hunter-Lab	54.0815, 69.7935, -24.2353

Details

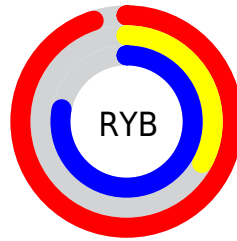
The CIELCh color **61, 76.584, 338.484** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **85, 77.706, 146.353**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **75, 69.077, 326.784**, and **41, 76.275, 338.408** is the 20% darker color. If you saturate the color by 10%, you get **58, 83.697, 339.604**, and if you desaturate by 10%, it is **65, 67.236, 337.497**.

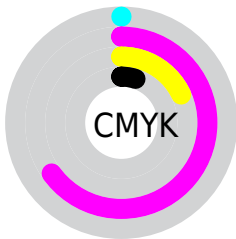
Distribution



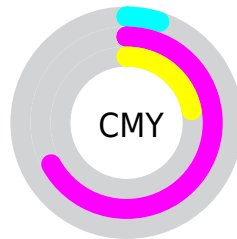
- Red (95%)
- Green (33%)
- Blue (78%)



- Red (95%)
- Yellow (33%)
- Blue (78%)



- Cyan (0%)
- Magenta (65%)
- Yellow (18%)
- Black (5%)




- Cyan (5%)
- Magenta (67%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 76.584, 338.484 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, 76.584, 338.484 by changing the saturation by 10% instead.

 61, 76.584,
338.484


 61, 76.584,
338.484


 100, 76.584,
338.484

 51, 76.584,
338.484


 81, 76.584,
338.484

 41, 76.584,
338.484

 91, 76.584,
338.484

 31, 76.584,
338.484

 21, 76.584,
338.484

 11, 76.584,
338.484

 1, 76.584, 338.484

 0, 76.584, 338.484

61, 76.584,
338.484

61, 76.584,
338.484

58, 83.697,
339.604

65, 67.236,
337.497

56, 88.115,
340.913

70, 56.269,
336.602

54, 89.715,
342.478

75, 44.271,
335.775

54, 89.779,
343.342

80, 31.726,
334.998

86, 18.996,
334.262

92, 6.328, 333.534

98, 6.123, 153.006

99, 5.133, 177.291

Harmonies

Complementary

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



61, 76.584, 338.484



85, 77.706, 146.353

Rectangle

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



61, 76.584, 338.484



61, 76.584, 28.484



61, 76.584, 158.484



61, 76.584, 208.484

Sweetspot

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



61, 76.581, 338.484



87, 26.461, 334.627



49, 90.665, 306.226



45, 18.067, 334.836



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, 76.581, 338.484



60, 89.045, 339.997



59, 64.003, 11.795



47, 7.107, 333.862



41, 73.365, 343.008



9, 32.883, 340.424

Inverse Universe

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



61, 76.581, 338.484



60, 89.045, 339.997



87, 49.808, 173.455



47, 7.107, 333.862



41, 73.365, 343.008



9, 32.883, 340.424

Previews

White Background



This preview shows how the CIELCh color 61, 76.584, 338.484 looks on a white background.

Color Contrast Check

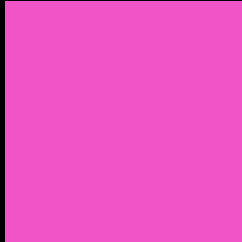
Large Text (above 18pt) WCAG AA ✓ Pass

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, 76.584, 338.484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

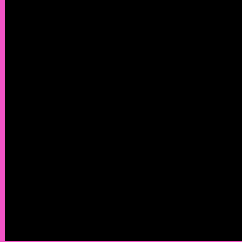
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 76.584, 338.484

Background



This preview shows how black text looks on a background with the CIELCh color 61, 76.584, 338.484.

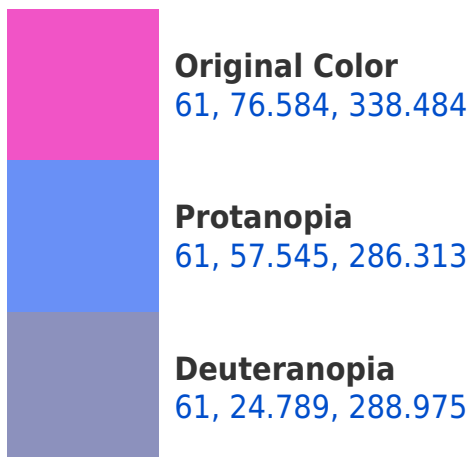


This preview shows how white text looks on a background with the CIELCh color 61, 76.584, 338.484.

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, 76.584, 338.484



Protanomaly
59, 61.445, 305.569



Deuteranomaly
59, 43.206, 319.845



Tritanomaly
61, 57.108, 1.915

Monochromacy



Original Color
61, 76.584, 338.484



Achromatopsia
60, 0.008, 296.813



Achromatomaly
58, 31.848, 335.023

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 76.584, 338.484 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, 84, 198)` looks like.

```
.text, #text, p{  
    color:rgb(241, 84, 198)  
}
```

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, 84, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 84, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 76.584, 338.484 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, 84, 198) }
```

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

```
.border{ border-color:rgb(241, 84, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 84, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 84, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 84, 198);  
box-shadow:4px 4px 4px 4px rgb(241, 84,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 76.584, 338.484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 84, 198) }
```

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

```
.background{ background-color: rgb(241, 84,  
198) }
```

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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