

Converting Colors

CIELCh(61, 77.083, 346.394)

Have a look what the booklet for
CIELCh(61, 77.083, 346.394)
contains.

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Color

CIELCh(61, 76.929, 346.392)

Conversions

Conversions Part 1

Format	Color
Hex	FC4CB5
RGB	252, 76, 181
RGB Percent	99%, 30%, 71%
CMY	0.0113, 0.7014, 0.2897
CMYK	0.00, 0.70, 0.28, 0.01
HSL	324°, 97%, 64%
HSV	324°, 70%, 99%
XYZ	51.1378, 29.2481, 46.7281
YIQ	140.5940, 71.1910, 69.9670

Conversions

Conversions Part 2

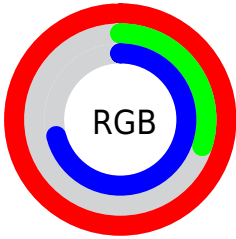
Format	Color
R _Y B	252, 76, 181
Decimal	16534709
CIE Lab	61.00, 74.77, -18.10
CIE LCh	61, 76.929, 346.392
Yxy	29.2481, 0.4023, 0.2301
Android (android.graphics.Color)	4294724789 (0xFFFC4CB5)
YUV	140.5940, 19.9202, 97.7031
Hunter-Lab	54.0815, 74.1412, -13.3712

Details

The CIELCh color **61, 76.929, 346.392** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light washed rose. A complement of this color would be **89, 76.632, 150.559**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 65.421, 331.829**, and **42, 72.898, 347.203** is the 20% darker color. If you saturate the color by 10%, you get **58, 82.644, 348.351**, and if you desaturate by 10%, it is **65, 68.795, 344.795**.

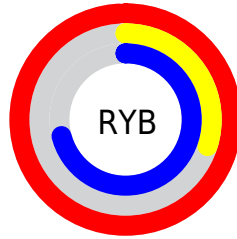
Distribution



Red (99%)

Green (30%)

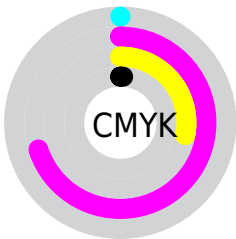
Blue (71%)



Red (99%)

Yellow (30%)

Blue (71%)

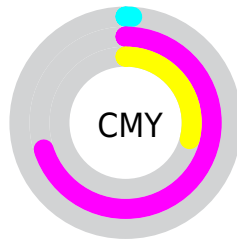


Cyan (0%)

Magenta (70%)

Yellow (28%)

Black (1%)



Cyan (1%)


Magenta (70%)


Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 76.929, 346.392 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, 76.929, 346.392 by changing the saturation by 10% instead.


 61, 76.929,
346.392


 61, 76.929,
346.392


 100, 76.929,
346.392


 51, 76.929,
346.392


 81, 76.929,
346.392

 41, 76.929,
346.392

 91, 76.929,
346.392

 31, 76.929,
346.392

 21, 76.929,
346.392

 11, 76.929,
346.392

 1, 76.929, 346.392

 0, 76.929, 346.392

61, 76.929,
346.392

61, 76.929,
346.392

58, 82.644,
348.351

65, 68.795,
344.795

56, 85.627,
350.798

69, 58.834,
343.456

55, 86.222,
353.812

75, 47.665,
342.302

55, 86.227,
353.875

80, 35.826,
341.283

86, 23.728,
340.363

93, 11.650,
339.511

99, 0.228, 160.729

100, 0.997,
200.006

Harmonies

Complementary

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



61, 76.929, 346.392



89, 76.632, 150.559

Rectangle

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



61, 76.929, 346.392



61, 76.929, 36.392



61, 76.929, 166.392



61, 76.929, 216.392

Sweetspot

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



61, 76.925, 346.393



87, 25.417, 340.470



50, 99.941, 309.829



44, 17.225, 340.718



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, 76.925, 346.393



58, 84.977, 349.324



59, 73.296, 23.742



49, 6.708, 339.485



41, 69.563, 353.252



10, 32.270, 348.993

Inverse Universe

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



61, 76.925, 346.393



58, 84.977, 349.324



90, 47.969, 185.343



49, 6.708, 339.485



41, 69.563, 353.252



10, 32.270, 348.993

Previews

White Background



This preview shows how the CIELCh color 61, 76.929, 346.392 looks on a white background.

Color Contrast Check

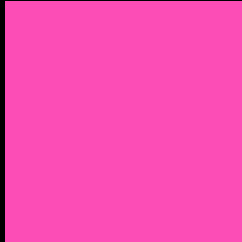
Large Text (above 18pt) WCAG AA ✓ Pass

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, 76.929, 346.392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

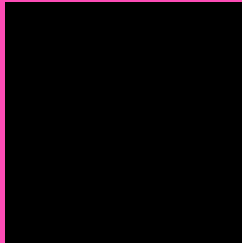
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 76.929, 346.392

Background



This preview shows how black text looks on a background with the CIELCh color 61, 76.929, 346.392.

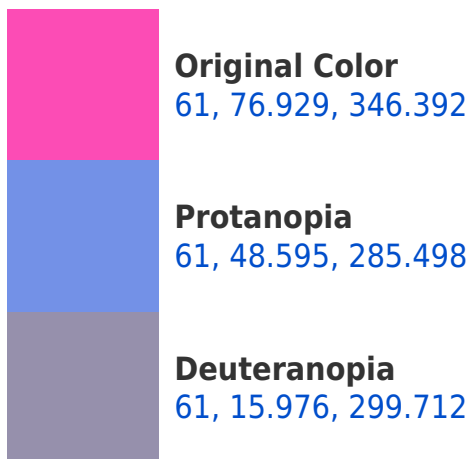


This preview shows how white text looks on a background with the CIELCh color 61, 76.929, 346.392.

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, 63.443, 25.005

Trichromacy



Original Color
61, 76.929, 346.392



Protanomaly
58, 54.666, 310.763



Deuteranomaly
59, 39.884, 331.999



Tritanomaly
61, 64.494, 9.112

Monochromacy



Original Color
61, 76.929, 346.392



Achromatopsia
59, 0.008, 296.813



Achromatomaly
57, 32.720, 341.111

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 76.929, 346.392 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(252, 76, 181)` looks like.

```
.text, #text, p{  
    color:rgb(252, 76, 181)  
}
```

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(252, 76, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 76, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 76.929, 346.392 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(252, 76, 181) }
```

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

```
.border{ border-color:rgb(252, 76, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 76, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 76, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 76, 181);  
box-shadow:4px 4px 4px 4px rgb(252, 76,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 76.929, 346.392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 76, 181) }
```

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

```
.background{ background-color: rgb(252, 76,  
181) }
```

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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