

Converting Colors

CIELCh(61, 74.496, 350.417)

Have a look what the booklet for
CIELCh(61, 74.496, 350.417)
contains.

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Color

CIELCh(61, 74.219, 350.517)

Conversions

Conversions Part 1

Format	Color
Hex	FD4EAB
RGB	253, 78, 171
RGB Percent	99%, 31%, 67%
CMY	0.0081, 0.6943, 0.3296
CMYK	0.00, 0.69, 0.32, 0.01
HSL	328°, 98%, 65%
HSV	328°, 69%, 99%
XYZ	50.5498, 29.2481, 41.4814
YIQ	140.9270, 74.4470, 66.0230

Conversions

Conversions Part 2

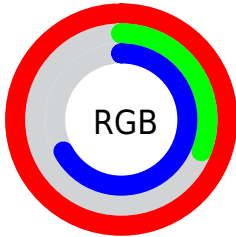
Format	Color
RYB	253, 78, 171
Decimal	16600747
CIELab	61.00, 73.20, -12.23
CIElCh	61, 74.219, 350.517
Yxy	29.2481, 0.4168, 0.2412
Android (android.graphics.Color)	4294790827 (0xFFFD4EAB)
YUV	140.9270, 14.8260, 98.2880
Hunter-Lab	54.0815, 72.2005, -7.6193

Details

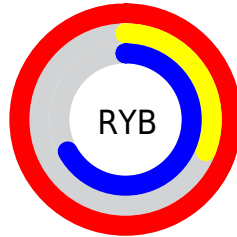
The CIELCh color **61, 74.219, 350.517** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **89, 71.990, 153.639**, and the grayscale version is **59, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 60.881, 335.552**, and **42, 71.214, 351.298** is the 20% darker color. If you saturate the color by 10%, you get **58, 80.132, 352.878**, and if you desaturate by 10%, it is **65, 66.042, 348.627**.

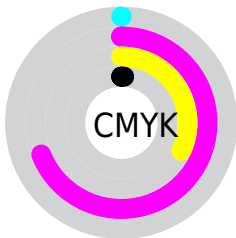
Distribution



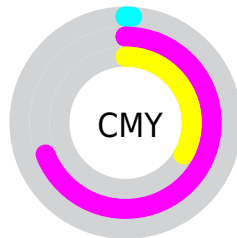
- Red (99%)
- Green (31%)
- Blue (67%)



- Red (99%)
- Yellow (31%)
- Blue (67%)



- Cyan (0%)
- Magenta (69%)
- Yellow (32%)
- Black (1%)





- Cyan (1%)
- Magenta (69%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 74.219, 350.517 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, 74.219, 350.517 by changing the saturation by 10% instead.


 61, 74.219,
350.517


 61, 74.219,
350.517


 100, 74.219,
350.517


 51, 74.219,
350.517


 81, 74.219,
350.517

 41, 74.219,
350.517

 91, 74.219,
350.517

 31, 74.219,
350.517

 21, 74.219,
350.517

 11, 74.219,
350.517

 1, 74.219, 350.517

 0, 74.219, 350.517

61, 74.219,
350.517

61, 74.219,
350.517

58, 80.132,
352.878

65, 66.042,
348.627

56, 83.472,
355.862

70, 56.184,
347.073

55, 84.534,
359.571

75, 45.247,
345.763

55, 84.594,
359.890

81, 33.745,
344.627

87, 22.063,
343.621

93, 10.459,
342.701

100, 0.908,
162.452

100, 0.717,

Harmonies

Complementary

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



61, 74.219, 350.517



89, 71.990, 153.639

Rectangle

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



61, 74.219, 350.517



61, 74.219, 40.517



61, 74.219, 170.517



61, 74.219, 220.517

Sweetspot

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



61, 74.215, 350.518



86, 24.345, 343.797



52, 99.059, 311.535



44, 16.507, 344.069



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, 74.215, 350.518



57, 82.232, 353.944



59, 75.087, 28.236



50, 6.520, 342.730



41, 68.688, 359.148



11, 32.201, 354.044

Inverse Universe

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



61, 74.215, 350.518



57, 82.232, 353.944



91, 45.690, 192.760



50, 6.520, 342.730



41, 68.688, 359.148



11, 32.201, 354.044

Previews

White Background



This preview shows how the CIELCh color 61, 74.219, 350.517 looks on a white background.

Color Contrast Check

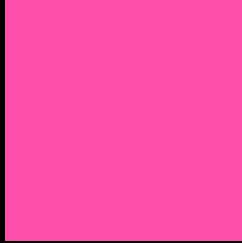
Large Text (above 18pt) WCAG AA ✓ Pass

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, 74.219, 350.517 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, 74.219, 350.517

Background



This preview shows how black text looks on a background with the CIELCh color 61, 74.219, 350.517.

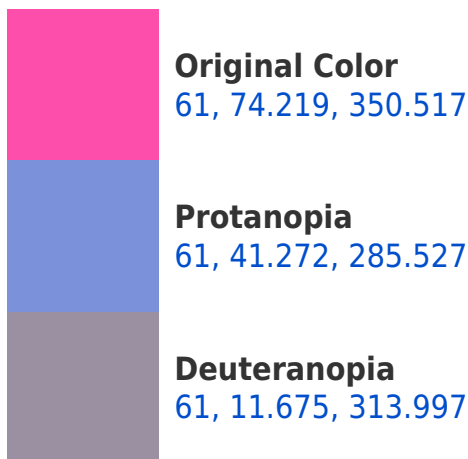


This preview shows how white text looks on a background with the CIELCh color 61, 74.219, 350.517.

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, 64.714, 25.277

Trichromacy



Original Color
61, 74.219, 350.517



Protanomaly
58, 48.209, 314.653



Deuteranomaly
59, 37.101, 339.896



Tritanomaly
61, 65.235, 11.418

Monochromacy



Original Color
61, 74.219, 350.517



Achromatopsia
59, 0.008, 296.813



Achromatomaly
57, 31.127, 345.219

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 74.219, 350.517 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(253, 78, 171)` looks like.

```
.text, #text, p{  
    color:rgb(253, 78, 171)  
}
```

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(253, 78, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 78, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 74.219, 350.517 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(253, 78, 171) }
```

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

```
.border{ border-color:rgb(253, 78, 171) }
```

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

Here you see how a box with a 4 pixel rgb(253, 78, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 78, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 78, 171);  
box-shadow:4px 4px 4px 4px rgb(253, 78,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 74.219, 350.517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 78, 171) }
```

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

```
.background{ background-color: rgb(253, 78,  
171) }
```

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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