

Converting Colors

CIELCh(61, 75.977, 349.362)

Have a look what the booklet for
CIELCh(61, 75.977, 349.362)
contains.

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Color

CIELCh(61, 75.771, 349.421)

Conversions

Conversions Part 1

Format	Color
Hex	FE4CAE
RGB	254, 76, 174
RGB Percent	100%, 30%, 68%
CMY	0.0044, 0.7025, 0.3181
CMYK	0.00, 0.70, 0.32, 0.00
HSL	327°, 99%, 65%
HSV	327°, 70%, 100%
XYZ	51.0298, 29.2481, 42.9427
YIQ	140.3940, 74.6300, 68.2140

Conversions

Conversions Part 2

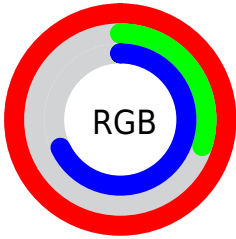
Format	Color
RYB	254, 76, 174
Decimal	16665774
CIELab	61.00, 74.48, -13.91
CIElCh	61, 75.771, 349.421
Yxy	29.2481, 0.4141, 0.2374
Android (android.graphics.Color)	4294855854 (0xFFFE4CAE)
YUV	140.3940, 16.5678, 99.6325
Hunter-Lab	54.0815, 73.7849, -9.2213

Details

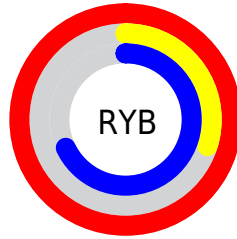
The CIELCh color **61, 75.771, 349.421** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **89, 74.246, 152.555**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 62.856, 334.099**, and **42, 71.928, 350.280** is the 20% darker color. If you saturate the color by 10%, you get **58, 81.439, 351.702**, and if you desaturate by 10%, it is **65, 67.744, 347.589**.

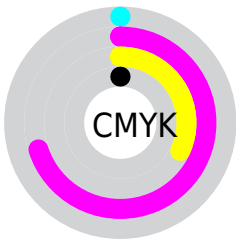
Distribution



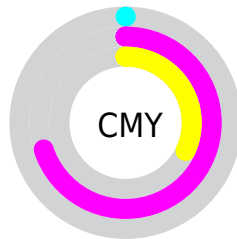
- Red (100%)
- Green (30%)
- Blue (68%)



- Red (100%)
- Yellow (30%)
- Blue (68%)



- Cyan (0%)
- Magenta (70%)
- Yellow (32%)
- Black (0%)





- Cyan (0%)
- Magenta (70%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 75.771, 349.421 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, 75.771, 349.421 by changing the saturation by 10% instead.


 61, 75.771,
349.421


 61, 75.771,
349.421


 100, 75.771,
349.421


 51, 75.771,
349.421


 81, 75.771,
349.421

 41, 75.771,
349.421

 91, 75.771,
349.421

 31, 75.771,
349.421

 21, 75.771,
349.421

 11, 75.771,
349.421

 1, 75.771, 349.421

 0, 75.771, 349.421

61, 75.771,
349.421

61, 75.771,
349.421

58, 81.439,
351.702

65, 67.744,
347.589

56, 84.463,
354.580

70, 57.937,
346.079

55, 85.258,
358.083

75, 46.961,
344.800

81, 35.352,
343.688

87, 23.512,
342.699

93, 11.716,
341.795

100, 0.138,
337.661

100, 0.392,

Harmonies

Complementary

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



61, 75.771, 349.421



89, 74.246, 152.555

Rectangle

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



61, 75.771, 349.421



61, 75.771, 39.421



61, 75.771, 169.421



61, 75.771, 219.421

Sweetspot

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



61, 75.767, 349.422



87, 24.652, 342.783



51, 100.721, 310.693



44, 16.712, 343.048



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, 75.767, 349.422



57, 83.216, 352.747



59, 75.134, 26.262



50, 6.606, 341.742



41, 69.061, 357.375



11, 32.436, 352.576

Inverse Universe

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



61, 75.767, 349.422



57, 83.216, 352.747



91, 47.155, 188.928



50, 6.606, 341.742



41, 69.061, 357.375



11, 32.436, 352.576

Previews

White Background



This preview shows how the CIELCh color 61, 75.771, 349.421 looks on a white background.

Color Contrast Check

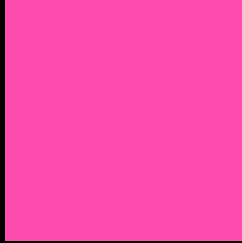
Large Text (above 18pt) WCAG AA ✓ Pass

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, 75.771, 349.421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

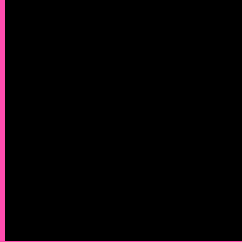
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 75.771, 349.421

Background



This preview shows how black text looks on a background with the CIELCh color 61, 75.771, 349.421.

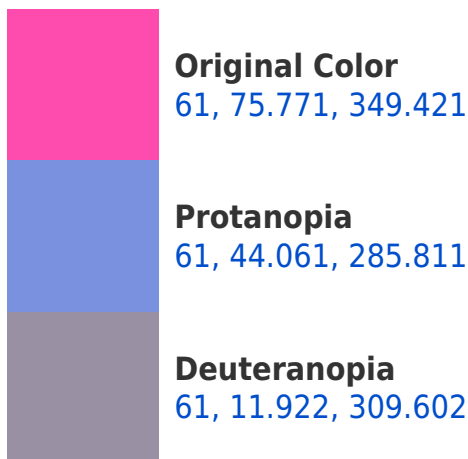


This preview shows how white text looks on a background with the CIELCh color 61, 75.771, 349.421.

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, 65.185, 25.414

Trichromacy



Original Color
61, 75.771, 349.421



Protanomaly
58, 50.808, 313.584



Deuteranomaly
59, 37.893, 337.478



Tritanomaly
61, 65.563, 10.688

Monochromacy



Original Color
61, 75.771, 349.421



Achromatopsia
58, 0.007, 296.813



Achromatomaly
57, 31.455, 344.378

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 75.771, 349.421 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(254, 76, 174)` looks like.

```
.text, #text, p{  
    color:rgb(254, 76, 174)  
}
```

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(254, 76, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 76, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 75.771, 349.421 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(254, 76, 174) }
```

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

```
.border{ border-color:rgb(254, 76, 174) }
```

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

Here you see how a box with a 4 pixel rgb(254, 76, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 76, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 76, 174);  
box-shadow:4px 4px 4px 4px rgb(254, 76,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 75.771, 349.421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 76, 174) }
```

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

```
.background{ background-color: rgb(254, 76,  
174) }
```

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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