

Converting Colors

CIELCh(61, 78.558, 349.956)

Have a look what the booklet for
CIELCh(61, 78.558, 349.956)
contains.

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Color

CIELCh(61, 78.085, 349.154)

Conversions

Conversions Part 1

Format	Color
Hex	FF48AF
RGB	255, 72, 175
RGB Percent	100%, 28%, 69%
CMY	0.0000, 0.7189, 0.3125
CMYK	0.00, 0.72, 0.31, 0.00
HSL	326°, 100%, 64%
HSV	326°, 72%, 100%
XYZ	51.8658, 29.2481, 43.6336
YIQ	138.4590, 76.0050, 70.8290

Conversions

Conversions Part 2

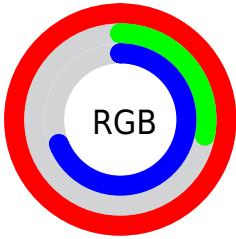
Format	Color
RYB	255, 72, 175
Decimal	16730287
CIELab	61.00, 76.69, -14.69
CIELCh	61, 78.085, 349.154
Yxy	29.2481, 0.4158, 0.2345
Android (android.graphics.Color)	4294920367 (0xFFFF48AF)
YUV	138.4590, 18.0147, 102.2065
Hunter-Lab	54.0815, 76.5440, -9.9787

Details

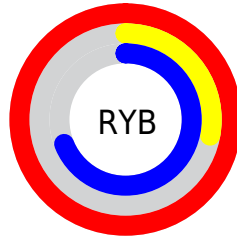
The CIELCh color **61, 78.085, 349.154** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **89, 76.987, 151.547**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 64.895, 333.648**, and **43, 72.272, 350.133** is the 20% darker color. If you saturate the color by 10%, you get **58, 82.992, 351.077**, and if you desaturate by 10%, it is **64, 70.106, 346.980**.

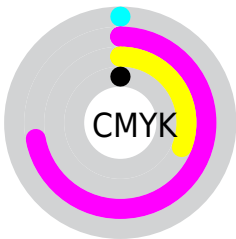
Distribution



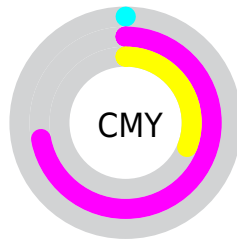
- Red (100%)
- Green (28%)
- Blue (69%)



- Red (100%)
- Yellow (28%)
- Blue (69%)



- Cyan (0%)
- Magenta (72%)
- Yellow (31%)
- Black (0%)





- Cyan (0%)
- Magenta (72%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 78.085, 349.154 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, 78.085, 349.154 by changing the saturation by 10% instead.


 61, 78.085,
349.154


 61, 78.085,
349.154


 100, 78.085,
349.154


 51, 78.085,
349.154


 81, 78.085,
349.154

 41, 78.085,
349.154

 91, 78.085,
349.154

 31, 78.085,
349.154

 21, 78.085,
349.154

 11, 78.085,
349.154

 1, 78.085, 349.154

 0, 78.085, 349.154

61, 78.085,
349.154

61, 78.085,
349.154

58, 82.992,
351.077

64, 70.106,
346.980

56, 85.498,
353.939

69, 60.496,
345.476

55, 85.939,
356.723

74, 49.583,
344.201

80, 37.928,
343.093

86, 25.964,
342.108

92, 13.993,
341.209

99, 2.207, 340.229

100, 0.012,
296.813

Harmonies

Complementary

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



61, 78.085, 349.154



89, 76.987, 151.547

Rectangle

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



61, 78.085, 349.154



61, 78.085, 39.154



61, 78.085, 169.154



61, 78.085, 219.154

Sweetspot

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



61, 77.785, 348.806



86, 26.093, 342.118



50, 103.360, 310.758



44, 17.556, 342.375



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, 77.785, 348.806



57, 84.344, 352.173



59, 77.339, 26.922



50, 6.674, 341.002



42, 69.398, 356.039



11, 32.633, 351.474

Inverse Universe

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



61, 77.785, 348.806



57, 84.344, 352.173



91, 47.925, 188.794



50, 6.674, 341.002



42, 69.398, 356.039



11, 32.633, 351.474

Previews

White Background



This preview shows how the CIELCh color 61, 78.085, 349.154 looks on a white background.

Color Contrast Check

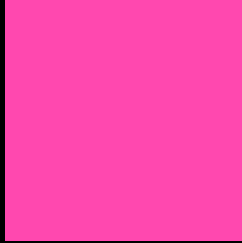
Large Text (above 18pt) WCAG AA ✓ Pass

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, 78.085, 349.154 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, 78.085, 349.154

Background



This preview shows how black text looks on a background with the CIELCh color 61, 78.085, 349.154.

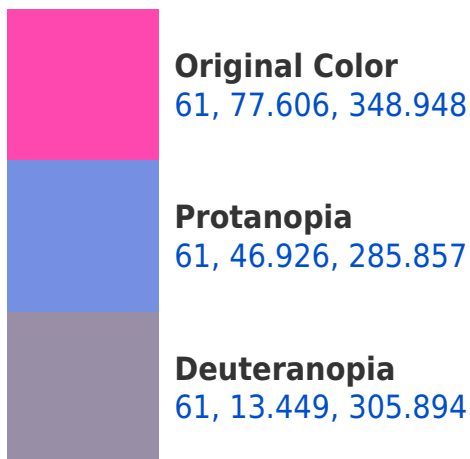


This preview shows how white text looks on a background with the CIELCh color 61, 78.085, 349.154.

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, 66.522, 25.756

Trichromacy



Original Color
61, 77.606, 348.948



Protanomaly
58, 53.480, 312.655



Deuteranomaly
58, 39.280, 336.132



Tritanomaly
60, 66.964, 10.639

Monochromacy



Original Color
61, 77.606, 348.948



Achromatopsia
57, 0.007, 296.813



Achromatomaly
56, 33.327, 343.462

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 78.085, 349.154 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(255, 72, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 72, 175)  
}
```

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(255, 72, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 72, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 78.085, 349.154 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(255, 72, 175) }
```

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

```
.border{ border-color:rgb(255, 72, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 72, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 72, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 72, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 72,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 78.085, 349.154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 72, 175) }
```

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

```
.background{ background-color: rgb(255, 72,  
175) }
```

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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