

Converting Colors

CIELCh(61, 71.901, 357.184)

Have a look what the booklet for
CIELCh(61, 71.901, 357.184)
contains.

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Color

CIELCh(61, 71.901, 357.184)

Conversions

Conversions Part 1

Format	Color
Hex	FF4F9C
RGB	255, 79, 156
RGB Percent	100%, 31%, 61%
CMY	0.0000, 0.6902, 0.3883
CMYK	0.00, 0.69, 0.39, 0.00
HSL	334°, 100%, 65%
HSV	334°, 69%, 100%
XYZ	50.0310, 29.2481, 34.4566
YIQ	140.4020, 80.1790, 61.2590

Conversions

Conversions Part 2

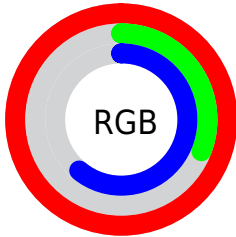
Format	Color
R _{YB}	255, 79, 156
Decimal	16732060
CIE Lab	61.00, 71.81, -3.53
CIE LCh	61, 71.901, 357.184
Yxy	29.2481, 0.4399, 0.2572
Android (android.graphics.Color)	4294922140 (0xFFFF4F9C)
YUV	140.4020, 7.6898, 100.5024
Hunter-Lab	54.0815, 70.4882, 0.0821

Details

The CIELCh color **61, 71.901, 357.184** 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 **90, 66.194, 158.610**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 55.159, 342.120**, and **42, 69.388, 358.008** is the 20% darker color. If you saturate the color by 10%, you get **58, 78.200, 0.167**, and if you desaturate by 10%, it is **65, 63.583, 354.832**.

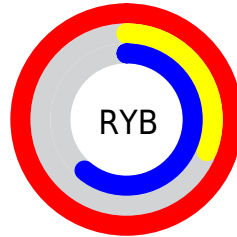
Distribution



Red (100%)

Green (31%)

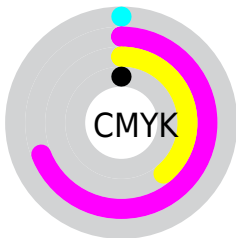
Blue (61%)



Red (100%)

Yellow (31%)

Blue (61%)

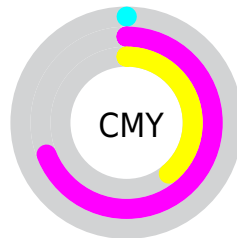


Cyan (0%)

Magenta (69%)

Yellow (39%)

Black (0%)



Cyan (0%)


Magenta (69%)

Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 71.901, 357.184 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, 71.901, 357.184 by changing the saturation by 10% instead.

 61, 71.901,
357.184


 61, 71.901,
357.184


 100, 71.901,
357.184


 51, 71.901,
357.184


 81, 71.901,
357.184

 41, 71.901,
357.184

 91, 71.901,
357.184

 31, 71.901,
357.184

 21, 71.901,
357.184

 11, 71.901,
357.184

 1, 71.901, 357.184

 0, 71.901, 357.184

61, 71.901,
357.184

61, 71.901,
357.184

58, 78.200, 0.167

65, 63.583,
354.832

56, 82.225, 3.958

70, 53.788,
352.942

55, 84.325, 8.633

54, 84.514, 9.110

75, 43.084,
351.387

81, 31.956,
350.073

88, 20.755,
348.935

94, 9.714, 347.915

100, 0.012,
278.054

Harmonies

Complementary

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



61, 71.901, 357.184



90, 66.194, 158.610

Rectangle

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



61, 71.901, 357.184



61, 71.901, 47.184



61, 71.901, 177.184



61, 71.901, 227.184

Sweetspot

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



61, 71.897, 357.185



86, 22.968, 349.149



54, 99.175, 313.827



44, 15.588, 349.456



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, 71.897, 357.185



57, 80.077, 1.570



61, 74.623, 32.649



50, 6.128, 347.963



41, 68.026, 8.157



10, 31.423, 1.628

Inverse Universe

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



61, 71.897, 357.185



57, 80.077, 1.570



89, 42.656, 203.053



50, 6.128, 347.963



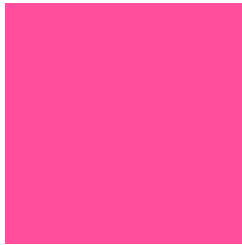
41, 68.026, 8.157



10, 31.423, 1.628

Previews

White Background



This preview shows how the CIELCh color 61, 71.901, 357.184 looks on a white background.

Color Contrast Check

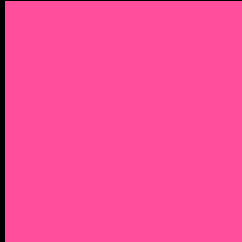
Large Text (above 18pt) WCAG AA ✓ Pass

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, 71.901, 357.184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

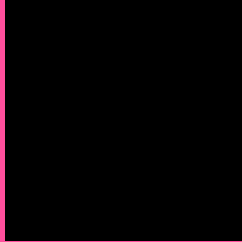
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 71.901, 357.184

Background



This preview shows how black text looks on a background with the CIELCh color 61, 71.901, 357.184.

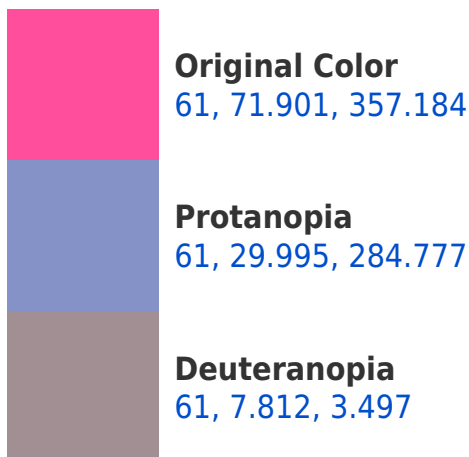


This preview shows how white text looks on a background with the CIELCh color 61, 71.901, 357.184.

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](#).

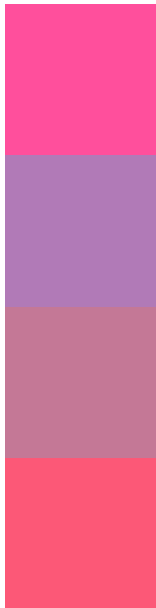
Dichromacy





Tritanopia
61, 67.500, 26.330

Trichromacy



Original Color
61, 71.901, 357.184

Protanomaly
59, 39.600, 323.345

Deuteranomaly
59, 33.882, 354.034

Tritanomaly
61, 66.677, 15.324

Monochromacy



Original Color
61, 71.901, 357.184

Achromatopsia
58, 0.007, 296.813

Achromatomaly
57, 29.517, 350.759

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 71.901, 357.184 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, 79, 156)` looks like.

```
.text, #text, p{  
    color:rgb(255, 79, 156)  
}
```

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, 79, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 79, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 71.901, 357.184 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, 79, 156) }
```

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

```
.border{ border-color:rgb(255, 79, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 79, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 79, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 79, 156); box-shadow:4px 4px 4px 4px rgb(255, 79, 156) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 71.901, 357.184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 79, 156) }
```

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

```
.background{ background-color: rgb(255, 79,  
156) }
```

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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