

Converting Colors

CIELCh(61, 76.239, 350.126)

Have a look what the booklet for
CIELCh(61, 76.239, 350.126)
contains.

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Color

CIELCh(61, 75.937, 350.316)

Conversions

Conversions Part 1

Format	Color
Hex	FF4BAC
RGB	255, 75, 172
RGB Percent	100%, 29%, 67%
CMY	0.0002, 0.7061, 0.3257
CMYK	0.00, 0.71, 0.33, 0.00
HSL	328°, 100%, 65%
HSV	328°, 71%, 100%
XYZ	51.1701, 29.2481, 41.9516
YIQ	139.8780, 76.1430, 68.3270

Conversions

Conversions Part 2

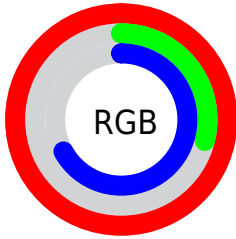
Format	Color
R_{YB}	255, 75, 172
Decimal	16731052
CIE _{Lab}	61.00, 74.85, -12.77
CIE _{LCh}	61, 75.937, 350.316
Yxy	29.2481, 0.4182, 0.2390
Android (android.graphics.Color)	4294921132 (0xFFFF4BAC)
YUV	139.8780, 15.8361, 100.9620
Hunter-Lab	54.0815, 74.2477, -8.1347

Details

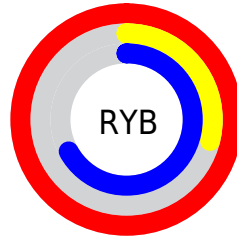
The CIELCh color **61, 75.937, 350.316** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **90, 74.104, 153.016**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 62.355, 335.087**, and **42, 71.714, 351.425** is the 20% darker color. If you saturate the color by 10%, you get **58, 81.510, 352.706**, and if you desaturate by 10%, it is **65, 67.999, 348.404**.

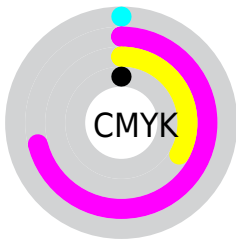
Distribution



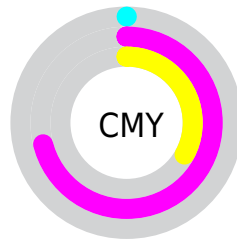
- Red (100%)
- Green (29%)
- Blue (67%)



- Red (100%)
- Yellow (29%)
- Blue (67%)



- Cyan (0%)
- Magenta (71%)
- Yellow (33%)
- Black (0%)





- Cyan (0%)
- Magenta (71%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 75.937, 350.316 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, 75.937, 350.316 by changing the saturation by 10% instead.


 61, 75.937,
350.316


 61, 75.937,
350.316


 100, 75.937,
350.316


 51, 75.937,
350.316


 81, 75.937,
350.316

 41, 75.937,
350.316

 91, 75.937,
350.316

 31, 75.937,
350.316

 21, 75.937,
350.316

 11, 75.937,
350.316

 1, 75.937, 350.316

 0, 75.937, 350.316

61, 75.937,
350.316

61, 75.937,
350.316

58, 81.510,
352.706

65, 67.999,
348.404

56, 84.460,
355.726

70, 58.265,
346.836

55, 85.252,
359.198

75, 47.348,
345.515

81, 35.786,
344.373

87, 23.988,
343.361

93, 12.232,
342.441

100, 0.693,
340.982

100, 0.023,

Harmonies

Complementary

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



61, 75.937, 350.316



90, 74.104, 153.016

Rectangle

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



61, 75.937, 350.316



61, 75.937, 40.316



61, 75.937, 170.316



61, 75.937, 220.316

Sweetspot

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



61, 75.933, 350.317



86, 24.463, 343.399



51, 101.596, 311.143



44, 16.586, 343.669



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, 75.933, 350.317



57, 83.146, 353.948



59, 76.539, 27.605



50, 6.553, 342.343



41, 68.824, 358.455



11, 32.289, 353.469

Inverse Universe

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



61, 75.933, 350.317



57, 83.146, 353.948



92, 46.939, 190.770



50, 6.553, 342.343



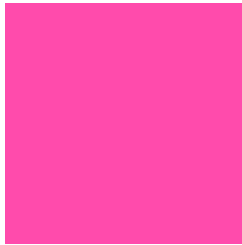
41, 68.824, 358.455



11, 32.289, 353.469

Previews

White Background



This preview shows how the CIELCh color 61, 75.937, 350.316 looks on a white background.

Color Contrast Check

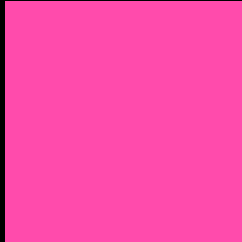
Large Text (above 18pt) WCAG AA ✓ Pass

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, 75.937, 350.316 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, 75.937, 350.316

Background



This preview shows how black text looks on a background with the CIELCh color 61, 75.937, 350.316.

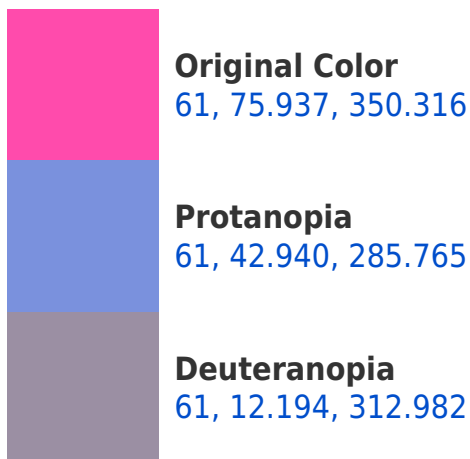


This preview shows how white text looks on a background with the CIELCh color 61, 75.937, 350.316.

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, 66.450, 25.685

Trichromacy



Original Color
61, 75.937, 350.316



Protanomaly
58, 49.871, 314.382



Deuteranomaly
59, 38.065, 339.054



Tritanomaly
61, 66.651, 11.744

Monochromacy



Original Color
61, 75.937, 350.316



Achromatopsia
58, 0.007, 296.813



Achromatomaly
57, 32.370, 344.556

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 75.937, 350.316 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, 75, 172)` looks like.

```
.text, #text, p{  
    color:rgb(255, 75, 172)  
}
```

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, 75, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 75, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 75.937, 350.316 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, 75, 172) }
```

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

```
.border{ border-color:rgb(255, 75, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 75, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 75, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 75, 172);  
box-shadow:4px 4px 4px 4px rgb(255, 75,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 75.937, 350.316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 75, 172) }
```

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

```
.background{ background-color: rgb(255, 75,  
172) }
```

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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