

Converting Colors

CIELCh(71, 71.166, 331.900)

Have a look what the booklet for
CIELCh(71, 71.166, 331.900)
contains.

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Color

CIELCh(71, 71.106, 331.915)

Conversions

Conversions Part 1

Format	Color
Hex	FF7EEC
RGB	255, 126, 236
RGB Percent	100%, 49%, 93%
CMY	0.0004, 0.5062, 0.0749
CMYK	0.00, 0.51, 0.07, 0.00
HSL	309°, 100%, 75%
HSV	309°, 51%, 100%
XYZ	63.7760, 42.1875, 84.0627
YIQ	177.1110, 41.5740, 61.5580

Conversions

Conversions Part 2

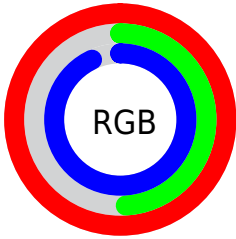
Format	Color
R _Y B	255, 126, 236
Decimal	16744172
CIE _{Lab}	71.00, 62.73, -33.48
CIE _{LCh}	71, 71.106, 331.915
Yxy	42.1875, 0.3356, 0.2220
Android (android.graphics.Color)	4294934252 (0xFFFF7EEC)
YUV	177.1110, 29.0323, 68.3087
Hunter-Lab	64.9519, 61.6025, -31.2685

Details

The CIELCh color **71, 71.106, 331.915** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **91, 71.519, 144.252**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **83, 45.110, 325.986**, and **51, 71.397, 331.932** is the 20% darker color. If you saturate the color by 10%, you get **67, 82.549, 332.557**, and if you desaturate by 10%, it is **76, 58.117, 331.274**.

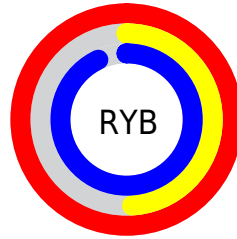
Distribution



Red (100%)

Green (49%)

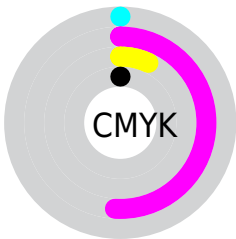
Blue (93%)



Red (100%)

Yellow (49%)

Blue (93%)

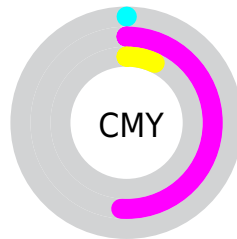


Cyan (0%)

Magenta (51%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (51%)


Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 71.106, 331.915 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 71, 71.106, 331.915 by changing the saturation by 10% instead.


 71, 71.106,
331.915


 71, 71.106,
331.915


 100, 71.106,
331.915


 61, 71.106,
331.915


 91, 71.106,
331.915

 51, 71.106,
331.915

 41, 71.106,
331.915

 31, 71.106,
331.915

 21, 71.106,
331.915

 11, 71.106,
331.915

 1, 71.106, 331.915

0, 71.106, 331.915

71, 71.106,
331.915

71, 71.106,
331.915

67, 82.549,
332.557

76, 58.117,
331.274

63, 91.811,
333.203

81, 44.183,
330.634

61, 98.333,
333.864

87, 29.782,
330.000

59, 101.835,
334.564

93, 15.265,
329.370

58, 102.733,
335.274

100, 0.871,
328.386

100, 0.036,
217.974

Harmonies

Complementary

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



71, 71.106, 331.915



91, 71.519, 144.252

Rectangle

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



71, 71.106, 331.915



71, 71.106, 21.915



71, 71.106, 151.915



71, 71.106, 201.915

Sweetspot

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



71, 71.103, 331.915



91, 21.651, 329.647



60, 72.752, 301.086



47, 14.784, 329.779



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



71, 71.103, 331.915



67, 82.988, 332.582



69, 53.911, 358.087



50, 8.182, 329.300



44, 82.934, 335.133



12, 38.681, 334.182

Inverse Universe

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



71, 71.103, 331.915



67, 82.988, 332.582



92, 48.117, 165.880



50, 8.182, 329.300



44, 82.934, 335.133



12, 38.681, 334.182

Previews

White Background



This preview shows how the CIELCh color 71, 71.106, 331.915 looks on a white background.

Color Contrast Check

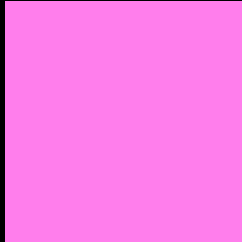
Large Text (above 18pt) WCAG AA × Fail

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 71, 71.106, 331.915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

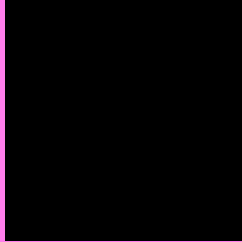
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 71.106, 331.915

Background



This preview shows how black text looks on a background with the CIELCh color 71, 71.106, 331.915.

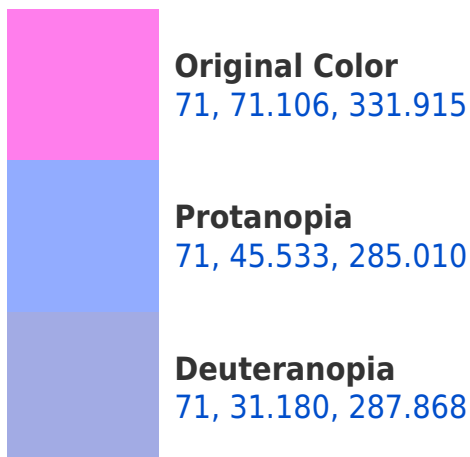


This preview shows how white text looks on a background with the CIELCh color 71, 71.106, 331.915.

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



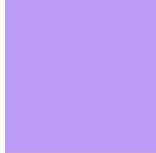


Tritanopia
71, 40.778, 16.140

Trichromacy



Original Color
71, 71.106, 331.915



Protanomaly
70, 52.033, 305.572



Deuteranomaly
70, 43.923, 311.985



Tritanomaly
71, 47.676, 353.719

Monochromacy



Original Color
71, 71.106, 331.915



Achromatopsia
72, 0.009, 296.813



Achromatomaly
71, 27.745, 330.184

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 71.106, 331.915 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, 126, 236)` looks like.

```
.text, #text, p{  
    color:rgb(255, 126, 236)  
}
```

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, 126, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 126, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 71.106, 331.915 is called "border". The border property can be set on classes, ids or directly on the HTML element.

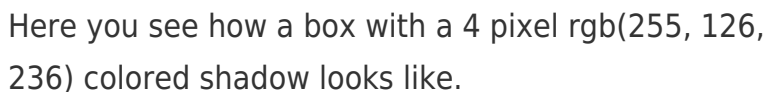
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 126, 236) }
```

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

```
.border{ border-color:rgb(255, 126, 236) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 126, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 126, 236); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 126, 236); box-shadow:4px 4px 4px 4px rgb(255, 126, 236) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 71.106, 331.915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 126, 236) }
```

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

```
.background{ background-color: rgb(255,  
126, 236) }
```

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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