

Converting Colors

CIELCh(74, 97.140, 323.097)

Have a look what the booklet for
CIELCh(74, 97.140, 323.097)
contains.

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Color

CIELCh(71, 81.614, 327.189)

Conversions

Conversions Part 1

Format	Color
Hex	FF79FF
RGB	255, 121, 255
RGB Percent	100%, 47%, 100%
CMY	0.0000, 0.5273, 0.0000
CMYK	0.00, 0.53, 0.00, 0.00
HSL	300°, 100%, 74%
HSV	300°, 53%, 100%
XYZ	66.3719, 42.1875, 99.7194
YIQ	176.3420, 36.8500, 70.0820

Conversions

Conversions Part 2

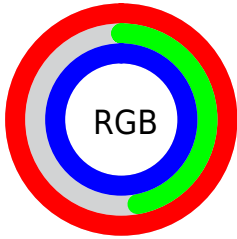
Format	Color
R _Y B	255, 121, 255
Decimal	16742911
CIE Lab	71.00, 68.59, -44.22
CIE LCh	71, 81.614, 327.189
Yxy	42.1875, 0.3187, 0.2026
Android (android.graphics.Color)	4294932991 (0xFFFF79FF)
YUV	176.3420, 38.7784, 68.9831
Hunter-Lab	64.9519, 68.7365, -45.5605

Details

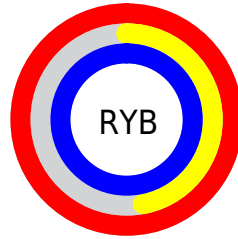
The CIELCh color **71, 81.614, 327.189** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **90, 81.898, 139.987**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **82, 48.201, 326.091**, and **51, 81.041, 326.996** is the 20% darker color. If you saturate the color by 10%, you get **67, 93.542, 327.564**, and if you desaturate by 10%, it is **75, 67.332, 326.727**.

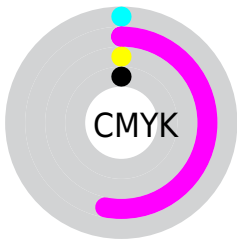
Distribution



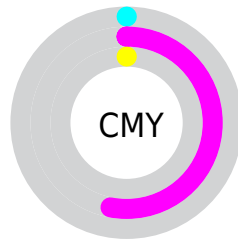
- Red (100%)
- Green (47%)
- Blue (100%)



- Red (100%)
- Yellow (47%)
- Blue (100%)



- Cyan (0%)
- Magenta (53%)
- Yellow (0%)
- Black (0%)





- Cyan (0%)
- Magenta (53%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 81.614, 327.189 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, 81.614, 327.189 by changing the saturation by 10% instead.


 71, 81.614,
327.189


 71, 81.614,
327.189


 100, 81.614,
327.189


 61, 81.614,
327.189


 91, 81.614,
327.189

 51, 81.614,
327.189

 41, 81.614,
327.189

 31, 81.614,
327.189

 21, 81.614,
327.189

 11, 81.614,
327.189

 1, 81.614, 327.189

0, 81.614, 327.189

71, 81.614,
327.189

71, 81.614,
327.189

67, 93.542,
327.564

75, 67.332,
326.727

64, 103.348,
327.866

81, 52.161,
326.224

62, 110.285,
328.075

86, 36.350,
325.688

61, 114.222,
328.193

92, 20.308,
325.131

60, 115.567,
328.233

98, 4.330, 324.521

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.



71, 81.614, 327.189



90, 81.898, 139.987

Rectangle

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



71, 81.614, 327.189



71, 81.614, 17.189



71, 81.614, 147.189



71, 81.614, 197.189

Sweetspot

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



71, 81.332, 327.180



90, 25.563, 325.315



57, 76.231, 298.163



47, 17.268, 325.430



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, 81.332, 327.180



67, 93.844, 327.574



68, 59.250, 349.532



50, 9.057, 324.947



45, 93.083, 328.233



12, 42.823, 328.233

Inverse Universe

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



71, 81.332, 327.180



67, 93.844, 327.574



91, 56.078, 157.905



50, 9.057, 324.947



45, 93.083, 328.233



12, 42.823, 328.233

Previews

White Background



This preview shows how the CIELCh color 71, 81.614, 327.189 looks on a white background.

Color Contrast Check

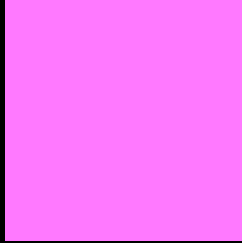
Large Text (above 18pt) WCAG AA × Fail

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, 81.614, 327.189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

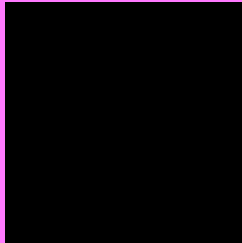
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 81.614, 327.189

Background



This preview shows how black text looks on a background with the CIELCh color 71, 81.614, 327.189.



This preview shows how white text looks on a background with the CIELCh color 71, 81.614, 327.189.

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



Original Color

71, 81.096, 327.172

Protanopia

71, 46.140, 284.902

Deuteranopia

71, 40.745, 283.578



Tritanopia
71, 39.552, 14.996

Trichromacy



Original Color
71, 81.096, 327.172



Protanomaly
70, 56.859, 304.851



Deuteranomaly
70, 53.801, 305.991

Tritanomaly
70, 49.909, 348.075

Monochromacy



Original Color
71, 81.096, 327.172



Achromatopsia
72, 0.009, 296.813



Achromatomaly
70, 32.022, 325.735

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 81.614, 327.189 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, 121, 255)` looks like.

```
.text, #text, p{  
    color:rgb(255, 121, 255)  
}
```

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, 121, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 121, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 81.614, 327.189 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, 121, 255) }
```

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

```
.border{ border-color:rgb(255, 121, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 121, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 121, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 121, 255);  
box-shadow:4px 4px 4px 4px rgb(255, 121,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 81.614, 327.189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 121, 255) }
```

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

```
.background{ background-color: rgb(255,  
121, 255) }
```

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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