

Converting Colors

CIELCh(75, 91.170, 329.314)

Have a look what the booklet for
CIELCh(75, 91.170, 329.314)
contains.

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Color

CIELCh(71, 82.129, 327.205)

Conversions

Conversions Part 1

Format	Color
Hex	FF78FF
RGB	255, 120, 255
RGB Percent	100%, 47%, 100%
CMY	0.0000, 0.5293, 0.0000
CMYK	0.00, 0.53, 0.00, 0.00
HSL	300°, 100%, 74%
HSV	300°, 53%, 100%
XYZ	66.5719, 42.1875, 100.1201
YIQ	175.7550, 37.1250, 70.6050

Conversions

Conversions Part 2

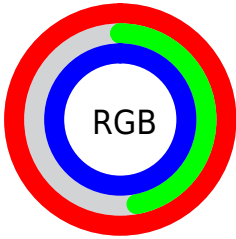
Format	Color
R _Y B	255, 120, 255
Decimal	16742655
CIE _{Lab}	71.00, 69.04, -44.48
CIE _{LCh}	71, 82.129, 327.205
Yxy	42.1875, 0.3187, 0.2020
Android (android.graphics.Color)	4294932735 (0xFFFF78FF)
YUV	175.7550, 39.0678, 69.4979
Hunter-Lab	64.9519, 69.2863, -45.9262

Details

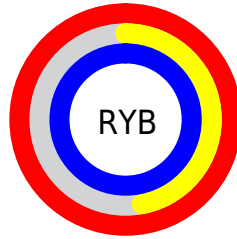
The CIELCh color **71, 82.129, 327.205** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **90, 82.180, 139.963**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **82, 48.817, 326.112**, and **51, 81.861, 327.034** is the 20% darker color. If you saturate the color by 10%, you get **67, 93.771, 327.571**, and if you desaturate by 10%, it is **75, 67.634, 326.737**.

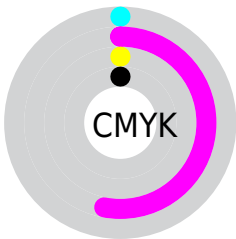
Distribution



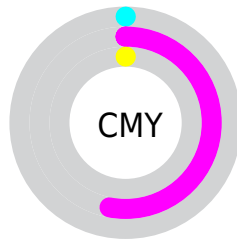
- Red (100%)
- Green (47%)
- Blue (100%)



- 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, 82.129, 327.205 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, 82.129, 327.205 by changing the saturation by 10% instead.


 71, 82.129,
327.205


 71, 82.129,
327.205


 100, 82.129,
327.205


 61, 82.129,
327.205


 91, 82.129,
327.205

 51, 82.129,
327.205

 41, 82.129,
327.205

 31, 82.129,
327.205

 21, 82.129,
327.205

 11, 82.129,
327.205

 1, 82.129, 327.205

0, 82.129, 327.205

71, 82.129,
327.205

71, 82.129,
327.205

67, 93.771,
327.571

75, 67.634,
326.737

64, 103.521,
327.871

81, 52.482,
326.235

62, 110.396,
328.079

86, 36.679,
325.699

61, 114.273,
328.194

92, 20.639,
325.142

60, 115.567,
328.233

98, 4.657, 324.538

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, 82.129, 327.205



90, 82.180, 139.963

Rectangle

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



71, 82.129, 327.205



71, 82.129, 17.205



71, 82.129, 147.205



71, 82.129, 197.205

Sweetspot

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



71, 81.604, 327.188



90, 25.563, 325.315



57, 76.560, 298.207



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, 81.604, 327.188



67, 94.936, 327.608



68, 59.457, 349.566



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, 81.604, 327.188



67, 94.936, 327.608



91, 56.272, 157.875



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, 82.129, 327.205 looks on a white background.

Color Contrast Check

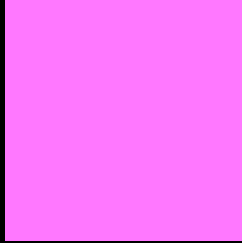
Large Text (above 18pt) WCAG AA × Fail

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, 82.129, 327.205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

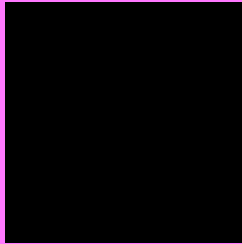
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 82.129, 327.205

Background



This preview shows how black text looks on a background with the CIELCh color 71, 82.129, 327.205.



This preview shows how white text looks on a background with the CIELCh color 71, 82.129, 327.205.

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, 39.552, 14.996

Trichromacy



Original Color
71, 81.614, 327.189



Protanomaly
69, 57.477, 305.098



Deuteranomaly
70, 53.801, 305.991

Tritanomaly
70, 49.909, 348.075

Monochromacy



Original Color
71, 81.614, 327.189



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, 82.129, 327.205 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, 120, 255)` looks like.

```
.text, #text, p{  
    color:rgb(255, 120, 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, 120, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 120, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 82.129, 327.205 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, 120, 255) }
```

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

```
.border{ border-color:rgb(255, 120, 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, 120, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 120, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 120, 255);  
box-shadow:4px 4px 4px 4px rgb(255, 120,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 82.129, 327.205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 120, 255) }
```

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

```
.background{ background-color: rgb(255,  
120, 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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