

Converting Colors

CIELCh(71, 79.856, 327.132)

Have a look what the booklet for
CIELCh(71, 79.856, 327.132)
contains.

CIELCh(71, 80.071, 327.147)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(71, 80.071, 327.147)

Conversions

Conversions Part 1

Format	Color
Hex	FE7AFE
RGB	254, 122, 254
RGB Percent	100%, 48%, 100%
CMY	0.0036, 0.5212, 0.0036
CMYK	0.00, 0.52, 0.00, 0.00
HSL	300°, 99%, 74%
HSV	300°, 52%, 100%
XYZ	65.7772, 42.1875, 98.5125
YIQ	176.5160, 36.3000, 69.0360

Conversions

Conversions Part 2

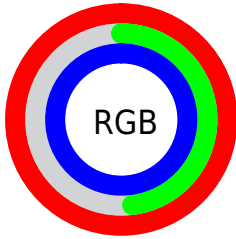
Format	Color
RYB	254, 122, 254
Decimal	16677630
CIELab	71.00, 67.26, -43.44
CIElCh	71, 80.071, 327.147
Yxy	42.1875, 0.3186, 0.2043
Android (android.graphics.Color)	4294867710 (0xFFFE7AFE)
YUV	176.5160, 38.1996, 67.9535
Hunter-Lab	64.9519, 67.1024, -44.4587

Details

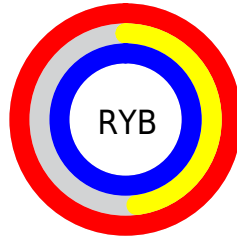
The CIELCh color **71, 80.071, 327.147** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **90, 80.594, 140.077**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **82, 47.584, 326.070**, and **51, 80.215, 327.207** is the 20% darker color. If you saturate the color by 10%, you get **67, 92.406, 327.538**, and if you desaturate by 10%, it is **76, 65.996, 326.690**.

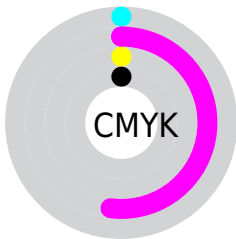
Distribution



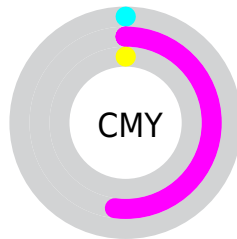
- Red (100%)
- Green (48%)
- Blue (100%)



- Red (100%)
- Yellow (48%)
- Blue (100%)



- Cyan (0%)
- Magenta (52%)
- Yellow (0%)
- Black (0%)





- Cyan (0%)
- Magenta (52%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 80.071, 327.147 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, 80.071, 327.147 by changing the saturation by 10% instead.


 71, 80.071,
327.147


 71, 80.071,
327.147


 100, 80.071,
327.147


 61, 80.071,
327.147


 91, 80.071,
327.147

 51, 80.071,
327.147

 41, 80.071,
327.147

 31, 80.071,
327.147

 21, 80.071,
327.147

 11, 80.071,
327.147

 1, 80.071, 327.147

0, 80.071, 327.147

71, 80.071,
327.147

71, 80.071,
327.147

67, 92.406,
327.538

76, 65.996,
326.690

64, 102.392,
327.846

81, 50.801,
326.184

62, 109.546,
328.063

86, 35.005,
325.646

61, 113.703,
328.188

92, 19.006,
325.087

60, 115.251,
328.234

98, 3.088, 324.451

100, 0.554,
144.999

100, 0.554,
145.023

100, 0.554,
145.046

100, 0.553,
145.070

Harmonies

Complementary

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



71, 80.071, 327.147



90, 80.594, 140.077

Rectangle

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



71, 80.071, 327.147



71, 80.071, 17.147



71, 80.071, 147.147



71, 80.071, 197.147

Sweetspot

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



71, 80.068, 327.147



90, 25.562, 325.316



57, 74.774, 297.996



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, 80.068, 327.147



67, 92.726, 327.540



69, 58.296, 349.406



50, 9.057, 324.948



45, 93.080, 328.234



12, 42.822, 328.234

Inverse Universe

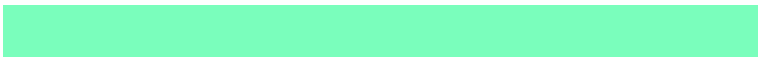
The Inverse Universe completely reimagines the original color for something new.



71, 80.068, 327.147



67, 92.726, 327.540



91, 55.185, 158.021



50, 9.057, 324.948



45, 93.080, 328.234



12, 42.822, 328.234

Previews

White Background



This preview shows how the CIELCh color 71, 80.071, 327.147 looks on a white background.

Color Contrast Check

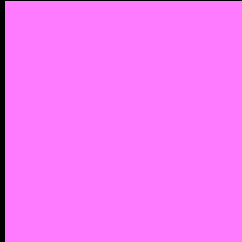
Large Text (above 18pt) WCAG AA × Fail

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, 80.071, 327.147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

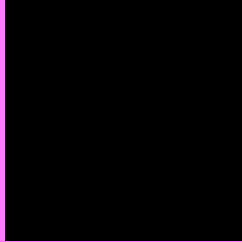
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 80.071, 327.147

Background



This preview shows how black text looks on a background with the CIELCh color 71, 80.071, 327.147.



This preview shows how white text looks on a background with the CIELCh color 71, 80.071, 327.147.

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, 80.071, 327.147

Protanopia
71, 45.568, 284.677

Deuteranopia
71, 40.137, 284.150



Tritanopia
71, 38.710, 14.698

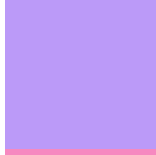
Trichromacy



Original Color
71, 80.071, 327.147



Protanomaly
70, 56.280, 304.911



Deuteranomaly
70, 52.704, 306.174



Tritanomaly
70, 49.081, 347.981

Monochromacy



Original Color
71, 80.071, 327.147



Achromatopsia
72, 0.009, 296.813



Achromatomaly
71, 31.369, 325.709

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 80.071, 327.147 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(254, 122, 254)` looks like.

```
.text, #text, p{  
    color:rgb(254, 122, 254)  
}
```

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(254, 122, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 122, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 80.071, 327.147 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(254, 122, 254) }
```

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

```
.border{ border-color:rgb(254, 122, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 122, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 122, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 122, 254);  
box-shadow:4px 4px 4px 4px rgb(254, 122,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 80.071, 327.147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 122, 254) }
```

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

```
.background{ background-color: rgb(254,  
122, 254) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor