

Converting Colors

CIELCh(79, 86.755, 338.904)

Have a look what the booklet for
CIELCh(79, 86.755, 338.904)
contains.

| | |
|--|----|
| CIELCh(71, 79.526, 327.122) | 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, 79.526, 327.122)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | FE7BFE |
| RGB | 254, 123, 254 |
| RGB Percent | 100%, 48%, 100% |
| CMY | 0.0057, 0.5191, 0.0055 |
| CMYK | 0.00, 0.52, 0.00, 0.01 |
| HSL | 300°, 98%, 74% |
| HSV | 300°, 52%, 99% |
| XYZ | 65.5648, 42.1875, 98.1058 |
| YIQ | 177.1030, 36.0250, 68.5130 |

Conversions

Conversions Part 2

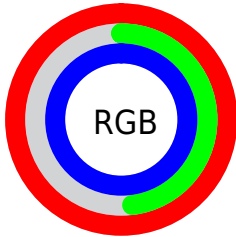
| Format | Color |
|-------------------------------------|--|
| RYB | 254, 123, 254 |
| Decimal | 16677886 |
| CIELab | 71.00, 66.79, -43.17 |
| CIELCh | 71, 79.526, 327.122 |
| Yxy | 42.1875, 0.3185, 0.2049 |
| Android (android.graphics.Color) | 4294867966 (0xFFFE7BFE) |
| YUV | 177.1030, 37.9102, 67.4387 |
| Hunter-Lab | 64.9519, 66.5185, -44.0875 |

Details

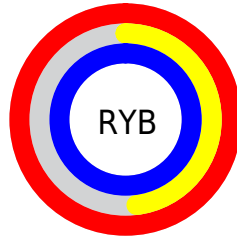
The CIELCh color **71, 79.526, 327.122** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **90, 80.031, 140.105**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **82, 46.967, 326.049**, and **51, 79.790, 327.189** is the 20% darker color. If you saturate the color by 10%, you get **67, 91.908, 327.515**, and if you desaturate by 10%, it is **76, 65.428, 326.664**.

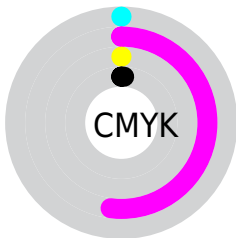
Distribution



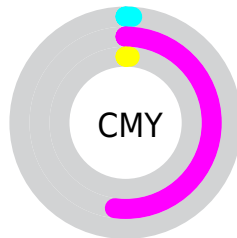
- Red (100%)
- Green (48%)
- Blue (100%)



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



- Cyan (0%)
- Magenta (52%)
- Yellow (0%)
- Black (1%)





- Cyan (1%)
- Magenta (52%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 79.526, 327.122 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, 79.526, 327.122 by changing the saturation by 10% instead.


 71, 79.526,
327.122


 71, 79.526,
327.122


 100, 79.526,
327.122


 61, 79.526,
327.122


 91, 79.526,
327.122

 51, 79.526,
327.122

 41, 79.526,
327.122

 31, 79.526,
327.122

 21, 79.526,
327.122

 11, 79.526,
327.122

 1, 79.526, 327.122

■ 0, 79.526, 327.122

■ 71, 79.526,
327.122

■ 71, 79.526,
327.122

■ 67, 91.908,
327.515

■ 76, 65.428,
326.664

■ 64, 101.963,
327.826

■ 81, 50.232,
326.157

■ 62, 109.201,
328.045

■ 86, 34.450,
325.618

■ 60, 113.447,
328.171

■ 92, 18.477,
325.059

■ 60, 115.083,
328.218

■ 98, 2.592, 324.405

100, 0.864,
144.629

100, 0.863,
144.462

100, 0.861,
144.294

100, 0.859,
144.125

Harmonies

Complementary

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



71, 79.526, 327.122



90, 80.031, 140.105

Rectangle

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



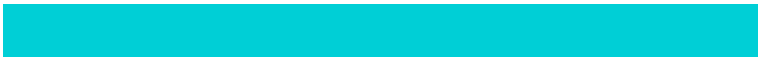
71, 79.526, 327.122



71, 79.526, 17.122



71, 79.526, 147.122



71, 79.526, 197.122

Sweetspot

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



71, 79.523, 327.122



91, 23.954, 325.249



58, 72.819, 297.345



47, 16.354, 325.367



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, 79.523, 327.122



67, 92.725, 327.528



69, 58.388, 348.326



50, 9.056, 324.937



45, 93.084, 328.219



12, 42.823, 328.220

Inverse Universe

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



67, 55.251, 25.578



62, 68.207, 28.212



91, 55.599, 157.223



49, 5.254, 19.915



40, 84.213, 39.986



10, 33.365, 27.162

Previews

White Background



This preview shows how the CIELCh color 71, 79.526, 327.122 looks on a white background.

Color Contrast Check

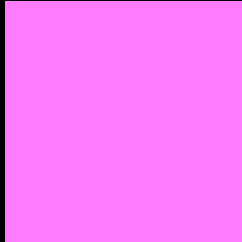
Large Text (above 18pt) WCAG AA × Fail

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, 79.526, 327.122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

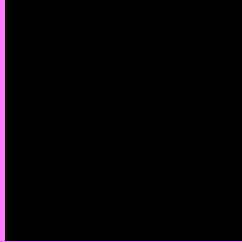
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 79.526, 327.122

Background



This preview shows how black text looks on a background with the CIELCh color 71, 79.526, 327.122.

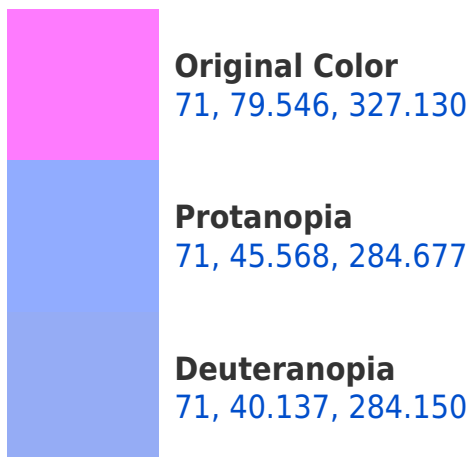


This preview shows how white text looks on a background with the CIELCh color 71, 79.526, 327.122.

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, 38.710, 14.698

Trichromacy



Original Color
71, 79.546, 327.130



Protanomaly
70, 55.716, 304.670



Deuteranomaly
70, 52.704, 306.174



Tritanomaly
71, 48.528, 348.200

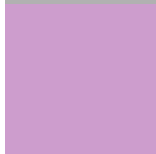
Monochromacy



Original Color
71, 79.546, 327.130



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, 79.526, 327.122 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, 123, 254)` looks like.

```
.text, #text, p{  
    color:rgb(254, 123, 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, 123, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 123, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 79.526, 327.122 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, 123, 254) }
```

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

```
.border{ border-color:rgb(254, 123, 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, 123, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 123, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 123, 254);  
box-shadow:4px 4px 4px 4px rgb(254, 123,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 79.526, 327.122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 123, 254) }
```

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

```
.background{ background-color: rgb(254,  
123, 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](#).

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