

Converting Colors

CIELCh(72, 76.412, 326.079)

Have a look what the booklet for
CIELCh(72, 76.412, 326.079)
contains.

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Color

CIELCh(72, 76.415, 326.080)

Conversions

Conversions Part 1

Format	Color
Hex	FB81FF
RGB	251, 129, 255
RGB Percent	98%, 51%, 100%
CMY	0.0139, 0.4924, 0.0000
CMYK	0.01, 0.49, 0.00, 0.00
HSL	298°, 100%, 75%
HSV	298°, 49%, 100%
XYZ	65.9809, 43.6590, 99.9386
YIQ	179.8420, 32.2660, 65.0500

Conversions

Conversions Part 2

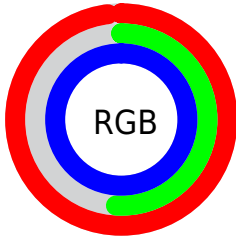
Format	Color
RYB	251, 129, 255
Decimal	16482815
CIELab	72.00, 63.41, -42.64
CIElCh	72, 76.415, 326.080
Yxy	43.6590, 0.3148, 0.2083
Android (android.graphics.Color)	4294672895 (0xFFFB81FF)
YUV	179.8420, 37.0529, 62.4056
Hunter-Lab	66.0750, 62.6147, -43.4239

Details

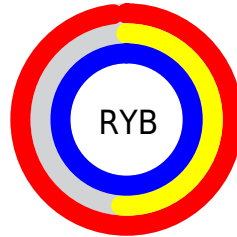
The CIELCh color **72, 76.415, 326.080** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **91, 76.430, 139.822**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **84, 43.248, 325.923**, and **52, 76.423, 326.037** is the 20% darker color. If you saturate the color by 10%, you get **68, 89.202, 326.564**, and if you desaturate by 10%, it is **77, 61.746, 325.731**.

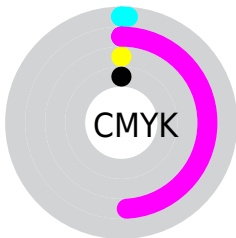
Distribution



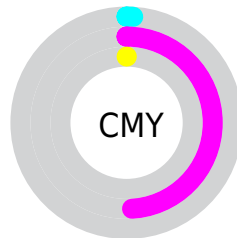
- Red (98%)
- Green (51%)
- Blue (100%)



- Red (98%)
- Yellow (51%)
- Blue (100%)



- Cyan (1%)
- Magenta (49%)
- Yellow (0%)
- Black (0%)





- Cyan (1%)
- Magenta (49%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 76.415, 326.080 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 72, 76.415, 326.080 by changing the saturation by 10% instead.


 72, 76.415,
326.080


 72, 76.415,
326.080


 100, 76.415,
326.080


 62, 76.415,
326.080


 92, 76.415,
326.080

 52, 76.415,
326.080

 42, 76.415,
326.080

 32, 76.415,
326.080

 22, 76.415,
326.080

 12, 76.415,
326.080

 2, 76.415, 326.080

■ 0, 76.415, 326.080

■ 72, 76.415,
326.080

■ 72, 76.415,
326.080

■ 68, 89.202,
326.564

■ 77, 61.746,
325.731

■ 64, 100.030,
326.859

■ 82, 46.349,
325.234

■ 62, 108.147,
327.050

■ 88, 30.512,
324.708

■ 60, 113.245,
327.129

■ 94, 14.589,
324.164

■ 59, 115.589,
327.105

100, 0.012,
296.813

■ 59, 115.721,
327.102

Harmonies

Complementary

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



72, 76.415, 326.080



91, 76.430, 139.822

Rectangle

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



72, 76.415, 326.080



72, 76.415, 16.080



72, 76.415, 146.080



72, 76.415, 196.080

Sweetspot

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



72, 76.227, 326.181



91, 23.755, 324.480



61, 68.134, 296.229



47, 16.219, 324.594



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 76.227, 326.181



68, 88.913, 326.556



70, 56.671, 346.973



50, 8.978, 324.178



45, 93.204, 327.121



12, 42.870, 327.254

Inverse Universe

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



69, 52.107, 23.067



64, 63.781, 25.452



92, 54.272, 156.741



49, 5.253, 17.665



40, 82.987, 38.908



10, 33.136, 26.052

Previews

White Background



This preview shows how the CIELCh color 72, 76.415, 326.080 looks on a white background.

Color Contrast Check

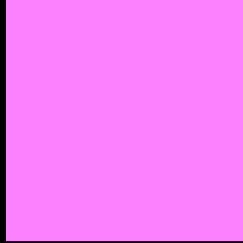
Large Text (above 18pt) WCAG AA × Fail

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 72, 76.415, 326.080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

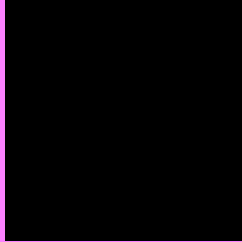
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 76.415, 326.080

Background



This preview shows how black text looks on a background with the CIELCh color 72, 76.415, 326.080.



This preview shows how white text looks on a background with the CIELCh color 72, 76.415, 326.080.

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
72, 76.415, 326.080

Protanopia
72, 44.355, 284.910

Deuteranopia
72, 39.453, 284.253



Tritanopia
72, 35.281, 13.380

Trichromacy



Original Color
72, 76.415, 326.080



Protanomaly
71, 53.849, 304.191



Deuteranomaly
71, 51.359, 305.634

Tritanomaly
72, 45.612, 346.632

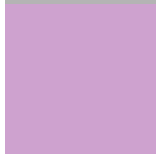
Monochromacy



Original Color
72, 76.415, 326.080



Achromatopsia
73, 0.009, 296.813



Achromatomaly
72, 29.168, 324.995

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 76.415, 326.080 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(251, 129, 255)` looks like.

```
.text, #text, p{  
    color:rgb(251, 129, 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(251, 129, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 129, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 76.415, 326.080 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(251, 129, 255) }
```

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

```
.border{ border-color:rgb(251, 129, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 129, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 129, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 129, 255);  
box-shadow:4px 4px 4px 4px rgb(251, 129,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 76.415, 326.080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 129, 255) }
```

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

```
.background{ background-color: rgb(251,  
129, 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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