

Converting Colors

CIELCh(74, 71.847, 326.421)

Have a look what the booklet for
CIELCh(74, 71.847, 326.421)
contains.

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Color

CIELCh(74, 71.218, 326.602)

Conversions

Conversions Part 1

Format	Color
Hex	FE8BFF
RGB	254, 139, 255
RGB Percent	100%, 55%, 100%
CMY	0.0043, 0.4552, 0.0004
CMYK	0.00, 0.46, 0.00, 0.00
HSL	299°, 100%, 77%
HSV	299°, 46%, 100%
XYZ	68.0900, 46.7039, 99.9512
YIQ	186.6090, 31.3040, 60.4560

Conversions

Conversions Part 2

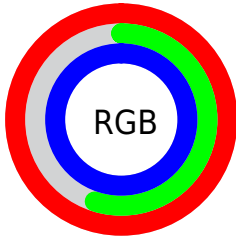
Format	Color
R_{YB}	254, 139, 255
Decimal	16681983
CIE _{Lab}	74.00, 59.46, -39.20
CIE _{LCh}	74, 71.218, 326.602
Yxy	46.7039, 0.3171, 0.2175
Android (android.graphics.Color)	4294872063 (0xFFFE8BFF)
YUV	186.6090, 33.7168, 59.1019
Hunter-Lab	68.3403, 58.2507, -38.8764

Details

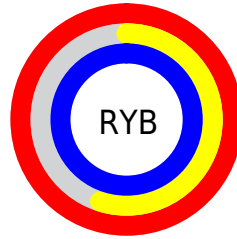
The CIELCh color **74, 71.218, 326.602** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **91, 71.437, 140.611**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 37.631, 325.731**, and **54, 71.197, 326.532** is the 20% darker color. If you saturate the color by 10%, you get **70, 84.792, 327.030**, and if you desaturate by 10%, it is **79, 56.321, 326.118**.

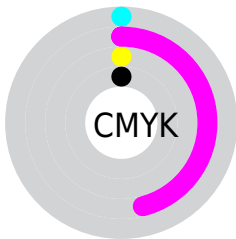
Distribution



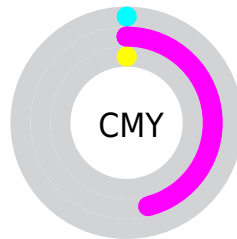
- Red (100%)
- Green (55%)
- Blue (100%)



- Red (100%)
- Yellow (55%)
- Blue (100%)



- Cyan (0%)
- Magenta (46%)
- Yellow (0%)
- Black (0%)




- Cyan (0%)
- Magenta (46%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 71.218, 326.602 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 74, 71.218, 326.602 by changing the saturation by 10% instead.

 74, 71.218,
326.602

 74, 71.218,
326.602

 100, 71.218,
326.602

 64, 71.218,
326.602


 94, 71.218,
326.602

 54, 71.218,
326.602

 44, 71.218,
326.602

 34, 71.218,
326.602

 24, 71.218,
326.602

 14, 71.218,
326.602

 4, 71.218, 326.602

■ 0, 71.218, 326.602

■ 74, 71.218,
326.602

■ 74, 71.218,
326.602

■ 70, 84.792,
327.030

■ 79, 56.321,
326.118

■ 66, 96.420,
327.382

■ 85, 40.667,
325.595

■ 63, 105.504,
327.645

■ 90, 24.694,
325.049

■ 61, 111.644,
327.808

■ 97, 8.720, 324.479

■ 60, 114.817,
327.876

100, 0.038,
108.127

■ 60, 115.575,
327.885

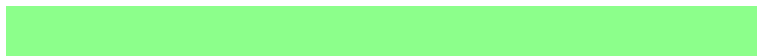
Harmonies

Complementary

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



74, 71.218, 326.602



91, 71.437, 140.611

Rectangle

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



74, 71.218, 326.602



74, 71.218, 16.602



74, 71.218, 146.602



74, 71.218, 196.602

Sweetspot

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



74, 71.215, 326.602



91, 22.292, 324.966



63, 63.624, 296.077



47, 15.403, 325.085



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



74, 71.215, 326.602



70, 84.175, 327.010



72, 52.151, 347.438



50, 9.032, 324.713



45, 93.115, 327.891



12, 42.836, 327.932

Inverse Universe

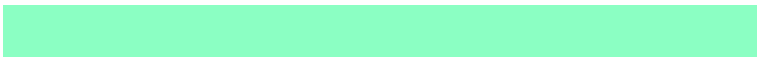
The Inverse Universe completely reimagines the original color for something new.



71, 47.919, 23.722



66, 59.426, 25.784



92, 49.761, 158.079



49, 5.253, 19.245



40, 83.832, 39.658



10, 33.295, 26.833

Previews

White Background



This preview shows how the CIELCh color 74, 71.218, 326.602 looks on a white background.

Color Contrast Check

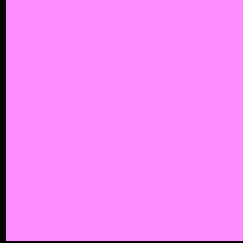
Large Text (above 18pt) WCAG AA × Fail

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 74, 71.218, 326.602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

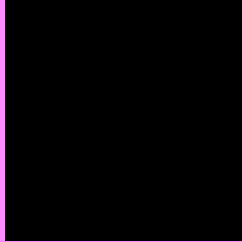
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 71.218, 326.602

Background



This preview shows how black text looks on a background with the CIELCh color 74, 71.218, 326.602.



This preview shows how white text looks on a background with the CIELCh color 74, 71.218, 326.602.

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

74, 71.218, 326.602

Protanopia

74, 40.840, 284.696

Deuteranopia

74, 36.973, 285.486



Tritanopia
74, 33.880, 11.869

Trichromacy



Original Color
74, 71.218, 326.602



Protanomaly
73, 49.830, 304.675



Deuteranomaly
73, 47.900, 306.205

Tritanomaly
74, 43.760, 346.323

Monochromacy



Original Color
74, 71.218, 326.602



Achromatopsia
76, 0.009, 296.813



Achromatomaly
74, 27.082, 324.850

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 71.218, 326.602 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, 139, 255)` looks like.

```
.text, #text, p{  
    color:rgb(254, 139, 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(254, 139, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 139, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 71.218, 326.602 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, 139, 255) }
```

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

```
.border{ border-color:rgb(254, 139, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 139, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 139, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 139, 255);  
box-shadow:4px 4px 4px 4px rgb(254, 139,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 71.218, 326.602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 139, 255) }
```

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

```
.background{ background-color: rgb(254,  
139, 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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