

Converting Colors

CIELCh(81, 82.088, 335.585)

Have a look what the booklet for
CIELCh(81, 82.088, 335.585)
contains.

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Color

CIELCh(74, 70.779, 326.840)

Conversions

Conversions Part 1

Format	Color
Hex	FE8BFE
RGB	254, 139, 254
RGB Percent	100%, 55%, 100%
CMY	0.0040, 0.4547, 0.0039
CMYK	0.00, 0.45, 0.00, 0.00
HSL	300°, 98%, 77%
HSV	300°, 45%, 100%
XYZ	67.9963, 46.7039, 99.2011
YIQ	186.4950, 31.6250, 60.1450

Conversions

Conversions Part 2

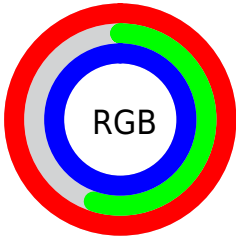
Format	Color
RYB	254, 139, 254
Decimal	16681982
CIELab	74.00, 59.25, -38.71
CIELCh	74, 70.779, 326.840
Yxy	46.7039, 0.3179, 0.2183
Android (android.graphics.Color)	4294872062 (0xFFFE8BFE)
YUV	186.4950, 33.2800, 59.2019
Hunter-Lab	68.3403, 58.0061, -38.2257

Details

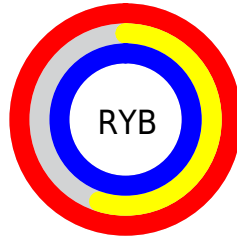
The CIELCh color $74, 70.779, 326.840$ is a light color, and the websafe version is hex $FF99FF$. A complement of this color would be $91, 71.040, 140.811$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $86, 37.631, 325.731$, and $54, 70.777, 326.789$ is the 20% darker color. If you saturate the color by 10%, you get $70, 84.343, 327.277$, and if you desaturate by 10%, it is $79, 55.893, 326.348$.

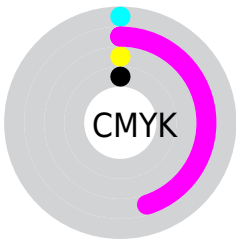
Distribution



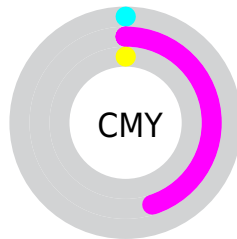
- Red (100%)
- Green (55%)
- Blue (100%)



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



- Cyan (0%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)




- Cyan (0%)
- Magenta (45%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 70.779, 326.840 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, 70.779, 326.840 by changing the saturation by 10% instead.


 74, 70.779,
326.840

 74, 70.779,
326.840


 100, 70.779,
326.840


 64, 70.779,
326.840


 94, 70.779,
326.840

 54, 70.779,
326.840

 44, 70.779,
326.840

 34, 70.779,
326.840

 24, 70.779,
326.840

 14, 70.779,
326.840

 4, 70.779, 326.840

■ 0, 70.779, 326.840

■ 74, 70.779,
326.840

■ 74, 70.779,
326.840

■ 70, 84.343,
327.277

■ 79, 55.893,
326.348

■ 66, 95.968,
327.642

■ 84, 40.249,
325.819

■ 63, 105.059,
327.920

■ 90, 24.285,
325.267

■ 61, 111.220,
328.106

■ 96, 8.321, 324.689

■ 60, 114.430,
328.201

100, 0.605,
144.863

■ 60, 115.226,
328.224

100, 0.604,
144.720

100, 0.603,
144.576

100, 0.602,
144.432

100, 0.601,
144.287

Harmonies

Complementary

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



74, 70.779, 326.840



91, 71.040, 140.811

Rectangle

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



74, 70.779, 326.840



74, 70.779, 16.840



74, 70.779, 146.840



74, 70.779, 196.840

Sweetspot

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



74, 70.776, 326.840



91, 22.350, 325.197



63, 63.059, 296.025



47, 15.442, 325.318



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, 70.776, 326.840



70, 82.996, 327.226



72, 51.731, 347.403



50, 9.056, 324.941



45, 93.083, 328.224



12, 42.823, 328.225

Inverse Universe

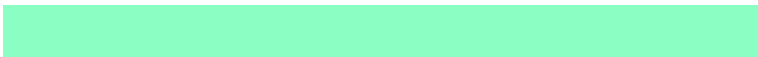
The Inverse Universe completely reimagines the original color for something new.



70, 47.603, 24.281



66, 58.397, 26.132



92, 49.367, 158.114



49, 5.254, 19.926



40, 84.220, 39.992



10, 33.366, 27.168

Previews

White Background



This preview shows how the CIELCh color 74, 70.779, 326.840 looks on a white background.

Color Contrast Check

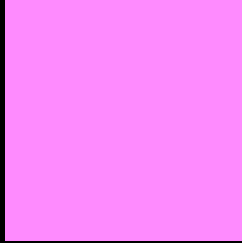
Large Text (above 18pt) WCAG AA × Fail

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, 70.779, 326.840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

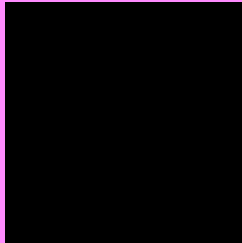
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 70.779, 326.840

Background



This preview shows how black text looks on a background with the CIELCh color 74, 70.779, 326.840.



This preview shows how white text looks on a background with the CIELCh color 74, 70.779, 326.840.

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, 70.810, 326.847

Protanopia

74, 40.840, 284.696

Deuteranopia

74, 36.411, 285.762



Tritanopia
74, 33.880, 11.869

Trichromacy



Original Color
74, 70.810, 326.847



Protanomaly
73, 49.830, 304.675



Deuteranomaly
73, 47.439, 306.711



Tritanomaly
74, 43.760, 346.323

Monochromacy



Original Color
74, 70.810, 326.847



Achromatopsia
76, 0.009, 296.813



Achromatomaly
74, 26.644, 325.494

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 70.779, 326.840 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, 254)` looks like.

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

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

Border

The CSS property to change the border of an element to CIELCh 74, 70.779, 326.840 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, 254) }
```

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

```
.border{ border-color:rgb(254, 139, 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, 139, 254)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 74, 70.779, 326.840 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, 254) }
```

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

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