

Converting Colors

CIELCh(74, 41.656, 290.130)

Have a look what the booklet for
CIELCh(74, 41.656, 290.130)
contains.

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Color

CIELCh(74, 41.713, 289.855)

Conversions

Conversions Part 1

Format	Color
Hex	A7B1FE
RGB	167, 177, 254
RGB Percent	65%, 69%, 100%
CMY	0.3459, 0.3066, 0.0047
CMYK	0.34, 0.30, 0.00, 0.00
HSL	233°, 97%, 82%
HSV	233°, 34%, 100%
XYZ	49.4340, 46.7039, 99.9995
YIQ	182.7880, -30.6770, 21.8270

Conversions

Conversions Part 2

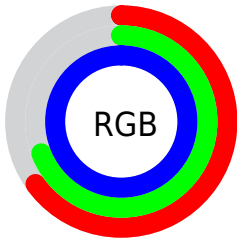
Format	Color
R_{YB}	167, 176, 254
Decimal	10990078
CIE Lab	74.00, 14.17, -39.23
CIE LCh	74, 41.713, 289.855
Yxy	46.7039, 0.2520, 0.2381
Android (android.graphics.Color)	4289180158 (0xFFA7B1FE)
YUV	182.7880, 35.1075, -13.8461
Hunter-Lab	68.3403, 9.5226, -38.9184

Details

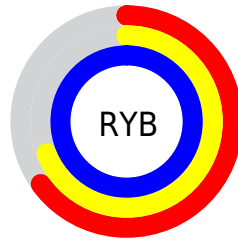
The CIELCh color `74, 41.713, 289.855` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `95, 39.115, 101.322`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `92, 11.711, 276.033`, and `54, 41.492, 289.641` is the 20% darker color. If you saturate the color by 10%, you get `67, 54.941, 291.811`, and if you desaturate by 10%, it is `81, 28.992, 288.179`.

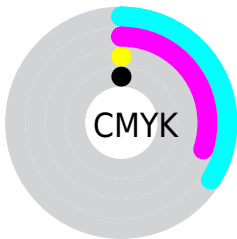
Distribution



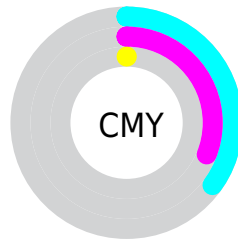
- Red (65%)
- Green (69%)
- Blue (100%)



- Red (65%)
- Yellow (69%)
- Blue (100%)



- Cyan (34%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)





- Cyan (35%)
- Magenta (31%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 41.713, 289.855 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, 41.713, 289.855 by changing the saturation by 10% instead.


 74, 41.713,
289.855


 74, 41.713,
289.855


 100, 41.713,
289.855


 64, 41.713,
289.855


 94, 41.713,
289.855


 54, 41.713,
289.855

 44, 41.713,
289.855

 34, 41.713,
289.855

 24, 41.713,
289.855

 14, 41.713,
289.855

 4, 41.713, 289.855

0, 41.713, 289.855

74, 41.713,
289.855

74, 41.713,
289.855

67, 54.941,
291.811

81, 28.992,
288.179

59, 68.692,
294.060

89, 16.747,
286.753

52, 82.882,
296.570

96, 4.936, 285.556

46, 97.195,
299.232

100, 0.601,
110.004

40, 110.828,
301.827

36, 122.321,
304.044

■ 34, 127.285,
304.997

Harmonies

Complementary

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



74, 41.713, 289.855



95, 39.115, 101.322

Rectangle

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



74, 41.713, 289.855



74, 41.713, 339.855



74, 41.713, 109.855



74, 41.713, 159.855

Sweetspot

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



74, 41.712, 289.855



93, 11.691, 286.213



94, 28.497, 186.987



48, 7.995, 286.386



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, 41.712, 289.855



69, 50.747, 291.140



74, 48.467, 306.958



49, 6.642, 286.153



25, 101.866, 304.713



5, 40.469, 299.650

Inverse Universe

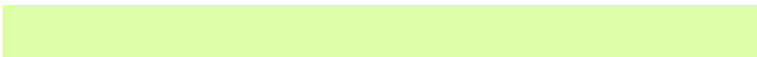
The Inverse Universe completely reimagines the original color for something new.



77, 34.309, 13.771



73, 41.880, 14.927



96, 45.531, 123.103



50, 5.304, 10.686



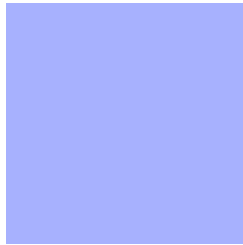
40, 79.248, 35.161



10, 32.500, 22.490

Previews

White Background



This preview shows how the CIELCh color 74, 41.713, 289.855 looks on a white background.

Color Contrast Check

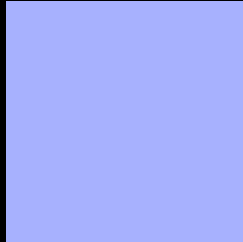
Large Text (above 18pt) WCAG AA × Fail

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, 41.713, 289.855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

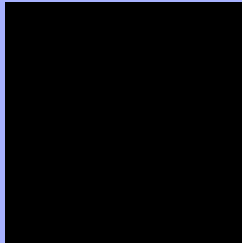
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 41.713, 289.855

Background



This preview shows how black text looks on a background with the CIELCh color 74, 41.713, 289.855.



This preview shows how white text looks on a background with the CIELCh color 74, 41.713, 289.855.

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, 41.713, 289.855

Protanopia

74, 41.372, 285.302

Deuteranopia

74, 39.826, 283.903



Tritanopia
74, 13.395, 236.253

Trichromacy



Original Color
74, 41.713, 289.855

Protanomaly
74, 41.820, 287.053

Deuteranomaly
74, 40.219, 286.143

Tritanomaly
74, 21.764, 270.964

Monochromacy



Original Color
74, 41.713, 289.855

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 15.197, 286.377

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 41.713, 289.855 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(167, 177, 254)` looks like.

```
.text, #text, p{  
    color:rgb(167, 177, 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(167, 177, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 177, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 41.713, 289.855 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(167, 177, 254) }
```

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

```
.border{ border-color:rgb(167, 177, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 177, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 177, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 177, 254);  
box-shadow:4px 4px 4px 4px rgb(167, 177,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 41.713, 289.855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 177, 254) }
```

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

```
.background{ background-color: rgb(167,  
177, 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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