

Converting Colors

CIELCh(75, 59.484, 292.580)

Have a look what the booklet for
CIELCh(75, 59.484, 292.580)
contains.

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Color

CIELCh(74, 42.839, 289.705)

Conversions

Conversions Part 1

Format	Color
Hex	A6B1FF
RGB	166, 177, 255
RGB Percent	65%, 69%, 100%
CMY	0.3498, 0.3068, 0.0000
CMYK	0.35, 0.31, 0.00, 0.00
HSL	233°, 100%, 83%
HSV	233°, 35%, 100%
XYZ	49.5362, 46.7039, 101.7019
YIQ	182.6030, -31.5940, 21.9260

Conversions

Conversions Part 2

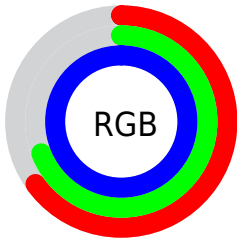
Format	Color
R _Y B	166, 176, 255
Decimal	10924543
CIE Lab	74.00, 14.44, -40.33
CIE LCh	74, 42.839, 289.705
Yxy	46.7039, 0.2503, 0.2359
Android (android.graphics.Color)	4289114623 (0xFFA6B1FF)
YUV	182.6030, 35.6917, -14.5608
Hunter-Lab	68.3403, 9.7895, -40.3954

Details

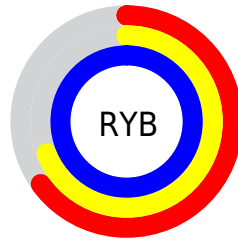
The CIELCh color $74, 42.839, 289.705$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $95, 39.769, 100.810$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 11.795, 274.456$, and $54, 42.076, 289.411$ is the 20% darker color. If you saturate the color by 10%, you get $67, 55.584, 291.601$, and if you desaturate by 10%, it is $81, 29.724, 287.908$.

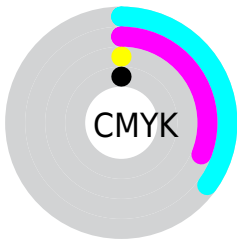
Distribution



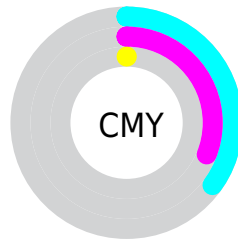
- Red (65%)
- Green (69%)
- Blue (100%)



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



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





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 42.839, 289.705 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, 42.839, 289.705 by changing the saturation by 10% instead.


 74, 42.839,
289.705

 74, 42.839,
289.705


 100, 42.839,
289.705


 64, 42.839,
289.705


 94, 42.839,
289.705

 54, 42.839,
289.705

 44, 42.839,
289.705

 34, 42.839,
289.705

 24, 42.839,
289.705

 14, 42.839,
289.705

 4, 42.839, 289.705

0, 42.839, 289.705

74, 42.839,
289.705

74, 42.839,
289.705

67, 55.584,
291.601

81, 29.724,
287.908

59, 69.281,
293.885

89, 17.514,
286.458

52, 83.413,
296.431

96, 5.734, 285.236

46, 97.662,
299.127

100, 0.012,
296.813

40, 111.230,
301.752

36, 122.675,
303.995

■ 34, 127.100,
304.853

Harmonies

Complementary

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



74, 42.839, 289.705



95, 39.769, 100.810

Rectangle

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



74, 42.839, 289.705



74, 42.839, 339.705



74, 42.839, 109.705



74, 42.839, 159.705

Sweetspot

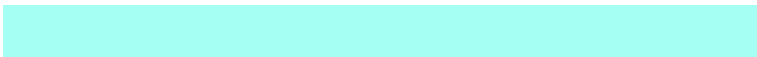
The Sweet Spot groups the original color and five complimentary colors.



74, 42.402, 289.613



93, 11.590, 285.820



94, 29.378, 185.469



48, 7.926, 285.994



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, 42.402, 289.613



69, 51.595, 290.977



74, 49.626, 306.464



49, 6.584, 285.759



25, 101.290, 304.551



5, 40.216, 299.482

Inverse Universe

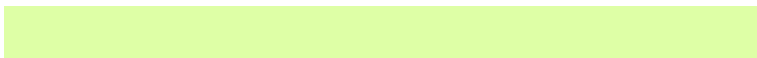
The Inverse Universe completely reimagines the original color for something new.



77, 35.222, 13.278



73, 42.976, 14.512



96, 46.464, 122.417



50, 5.312, 10.057



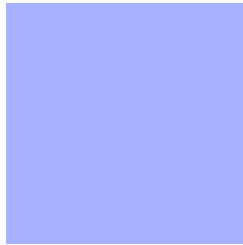
40, 78.852, 34.716



10, 32.448, 22.157

Previews

White Background



This preview shows how the CIELCh color 74, 42.839, 289.705 looks on a white background.

Color Contrast Check

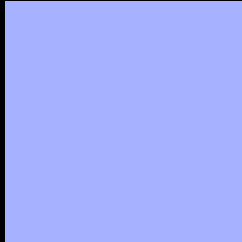
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 74, 42.839, 289.705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

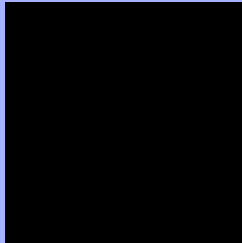
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 42.839, 289.705

Background



This preview shows how black text looks on a background with the CIELCh color 74, 42.839, 289.705.

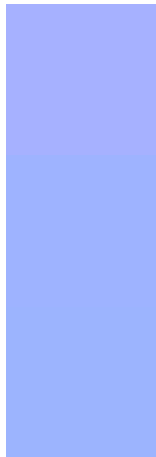


This preview shows how white text looks on a background with the CIELCh color 74, 42.839, 289.705.

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

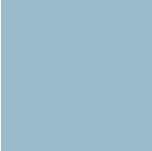
74, 42.263, 289.568

Protanopia

74, 41.372, 285.302

Deuteranopia

74, 40.391, 283.711



Tritanopia
74, 13.650, 235.420

Trichromacy



Original Color
74, 42.263, 289.568

Protanomaly
74, 41.820, 287.053

Deuteranomaly
74, 40.779, 285.911

Tritanomaly
74, 21.867, 270.189

Monochromacy



Original Color
74, 42.263, 289.568

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 15.751, 286.628

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 42.839, 289.705 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(166, 177, 255)` looks like.

```
.text, #text, p{  
    color:rgb(166, 177, 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(166, 177, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 177, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 42.839, 289.705 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(166, 177, 255) }
```

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

```
.border{ border-color:rgb(166, 177, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 177, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 177, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 177, 255);  
box-shadow:4px 4px 4px 4px rgb(166, 177,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 42.839, 289.705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 177, 255) }
```

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

```
.background{ background-color: rgb(166,  
177, 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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