

Converting Colors

CIELCh(74, 41.810, 305.937)

Have a look what the booklet for
CIELCh(74, 41.810, 305.937)
contains.

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Color

CIELCh(74, 41.770, 305.928)

Conversions

Conversions Part 1

Format	Color
Hex	C4A9F4
RGB	196, 169, 244
RGB Percent	77%, 66%, 96%
CMY	0.2309, 0.3368, 0.0427
CMYK	0.20, 0.31, 0.00, 0.04
HSL	262°, 78%, 81%
HSV	262°, 31%, 96%
XYZ	53.3472, 46.7039, 91.8813
YIQ	185.6230, -7.9830, 29.0490

Conversions

Conversions Part 2

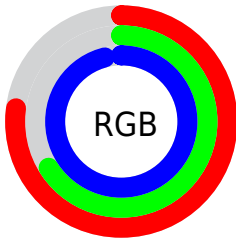
Format	Color
R_{YB}	196, 169, 244
Decimal	12888564
CIE _{Lab}	74.00, 24.51, -33.82
CIE _{LCh}	74, 41.770, 305.928
Yxy	46.7039, 0.2779, 0.2433
Android (android.graphics.Color)	4291078644 (0xFFC4A9F4)
YUV	185.6230, 28.7799, 9.1006
Hunter-Lab	68.3403, 19.7437, -31.8753

Details

The CIELCh color $74, 41.770, 305.928$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $93, 39.445, 122.388$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 19.016, 323.307$, and $54, 41.839, 305.693$ is the 20% darker color. If you saturate the color by 10%, you get $67, 56.164, 306.675$, and if you desaturate by 10%, it is $81, 27.726, 305.239$.

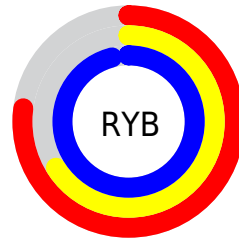
Distribution



Red (77%)

Green (66%)

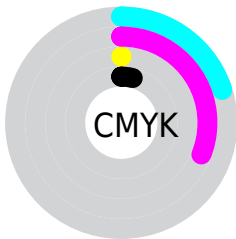
Blue (96%)



Red (77%)

Yellow (66%)

Blue (96%)

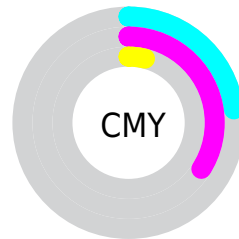


Cyan (20%)

Magenta (31%)

Yellow (0%)

Black (4%)



Cyan (23%)


Magenta (34%)

Yellow (4%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 41.770, 305.928 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, 41.770, 305.928 by changing the saturation by 10% instead.


 74, 41.770,
305.928

 74, 41.770,
305.928


 100, 41.770,
305.928


 64, 41.770,
305.928


 94, 41.770,
305.928

 54, 41.770,
305.928

 44, 41.770,
305.928

 34, 41.770,
305.928

 24, 41.770,
305.928

 14, 41.770,
305.928

 4, 41.770, 305.928

■ 0, 41.770, 305.928

■ 74, 41.770,
305.928

■ 74, 41.770,
305.928

■ 67, 56.164,
306.675

■ 81, 27.726,
305.239

■ 60, 70.742,
307.457

■ 88, 14.111,
304.617

■ 53, 85.161,
308.224

■ 96, 0.949, 303.988

■ 47, 98.804,
308.890

■ 100, 5.508,
109.752

■ 42, 110.682,
309.326

■ 38, 119.529,
309.369

■ 35,124.537,
309.018

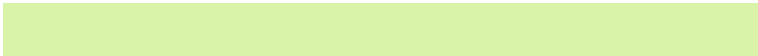
Harmonies

Complementary

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



74, 41.770, 305.928



93, 39.445, 122.388

Rectangle

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



74, 41.770, 305.928



74, 41.770, 355.928



74, 41.770, 125.928



74, 41.770, 175.928

Sweetspot

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



74, 41.768, 305.928



93, 12.233, 304.517



85, 20.402, 241.564



49, 8.521, 304.602



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, 41.768, 305.928



72, 52.601, 306.398



77, 45.584, 321.705



47, 7.479, 304.544



26, 101.402, 309.187



4, 41.055, 308.308

Inverse Universe

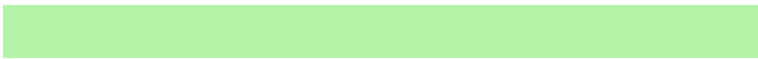
The Inverse Universe completely reimagines the original color for something new.



78, 37.033, 339.247



77, 46.081, 339.838



90, 45.138, 138.531



48, 6.801, 337.475



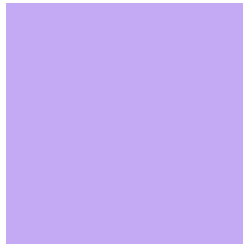
41, 70.340, 349.559



9, 32.143, 345.824

Previews

White Background



This preview shows how the CIELCh color 74, 41.770, 305.928 looks on a white background.

Color Contrast Check

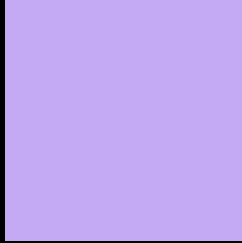
Large Text (above 18pt) WCAG AA × Fail

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, 41.770, 305.928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

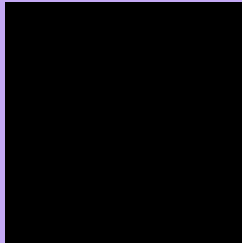
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 41.770, 305.928

Background



This preview shows how black text looks on a background with the CIELCh color 74, 41.770, 305.928.



This preview shows how white text looks on a background with the CIELCh color 74, 41.770, 305.928.

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, 41.770, 305.928

Protanopia

74, 39.721, 285.560

Deuteranopia

74, 34.231, 286.531



Tritanopia
74, 8.170, 311.810

Trichromacy



Original Color
74, 41.770, 305.928

Protanomaly
74, 40.122, 292.996

Deuteranomaly
74, 36.913, 294.571

Tritanomaly
74, 20.845, 306.610

Monochromacy



Original Color
74, 41.770, 305.928

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 15.089, 305.117

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 41.770, 305.928 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(196, 169, 244)` looks like.

```
.text, #text, p{  
    color:rgb(196, 169, 244)  
}
```

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(196, 169, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 169, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 41.770, 305.928 is called "border". The border property can be set on classes, ids or directly on the HTML element.

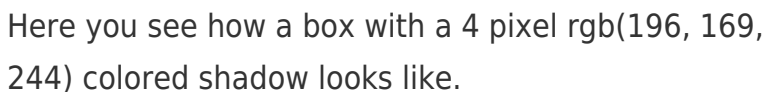
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 169, 244) }
```

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

```
.border{ border-color:rgb(196, 169, 244) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 169, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 169, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 169, 244); box-shadow:4px 4px 4px 4px rgb(196, 169, 244) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 41.770, 305.928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 169, 244) }
```

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

```
.background{ background-color: rgb(196,  
169, 244) }
```

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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