

Converting Colors

CIELCh(74, 44.376, 304.934)

Have a look what the booklet for
CIELCh(74, 44.376, 304.934)
contains.

CIELCh(74, 44.321, 304.870)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(74, 44.321, 304.870)

Conversions

Conversions Part 1

Format	Color
Hex	C3A9F9
RGB	195, 169, 249
RGB Percent	76%, 66%, 98%
CMY	0.2361, 0.3380, 0.0244
CMYK	0.22, 0.32, 0.00, 0.02
HSL	259°, 87%, 82%
HSV	259°, 32%, 98%
XYZ	53.6698, 46.7039, 95.6354
YIQ	185.8940, -10.1840, 30.3920

Conversions

Conversions Part 2

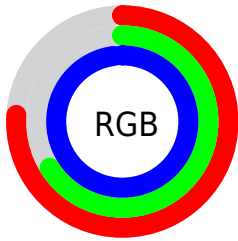
Format	Color
RYB	195, 169, 249
Decimal	12823033
CIELab	74.00, 25.34, -36.36
CIELCh	74, 44.321, 304.870
Yxy	46.7039, 0.2738, 0.2383
Android (android.graphics.Color)	4291013113 (0xFFC3A9F9)
YUV	185.8940, 31.1113, 7.9860
Hunter-Lab	68.3403, 20.5863, -35.1323

Details

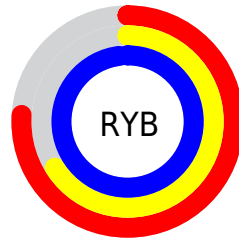
The CIELCh color $74, 44.321, 304.870$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $94, 41.587, 120.922$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 19.016, 323.307$, and $54, 44.001, 304.798$ is the 20% darker color. If you saturate the color by 10%, you get $67, 58.990, 305.692$, and if you desaturate by 10%, it is $81, 30.027, 304.117$.

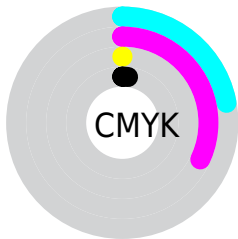
Distribution



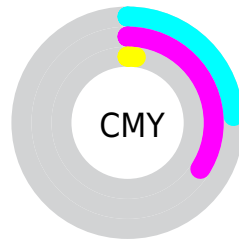
- Red (76%)
- Green (66%)
- Blue (98%)



- Red (76%)
- Yellow (66%)
- Blue (98%)



- Cyan (22%)
- Magenta (32%)
- Yellow (0%)
- Black (2%)



- Cyan (24%)
- Magenta (34%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 44.321, 304.870 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, 44.321, 304.870 by changing the saturation by 10% instead.

 74, 44.321,
304.870

 74, 44.321,
304.870

 100, 44.321,
304.870


 64, 44.321,
304.870


 94, 44.321,
304.870

 54, 44.321,
304.870

 44, 44.321,
304.870

 34, 44.321,
304.870

 24, 44.321,
304.870

 14, 44.321,
304.870

 4, 44.321, 304.870

0, 44.321, 304.870

74, 44.321,
304.870

74, 44.321,
304.870

67, 58.990,
305.692

81, 30.027,
304.117

60, 73.864,
306.558

89, 16.188,
303.442

53, 88.575,
307.415

96, 2.821, 302.829

47, 102.446,
308.167

100, 3.139,
109.919

41, 114.386,
308.670

37, 123.013,
308.744

■ 35,127.178,
308.492

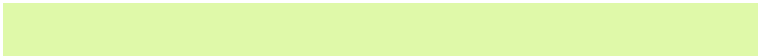
Harmonies

Complementary

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



74, 44.321, 304.870



94, 41.587, 120.922

Rectangle

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



74, 44.321, 304.870



74, 44.321, 354.870



74, 44.321, 124.870



74, 44.321, 174.870

Sweetspot

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



74, 44.319, 304.870



92, 13.544, 303.308



86, 21.368, 237.207



48, 9.263, 303.396



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, 44.319, 304.870



71, 55.439, 305.431



78, 48.061, 320.755



48, 7.567, 303.276



26, 103.118, 308.651



4, 42.902, 307.869

Inverse Universe

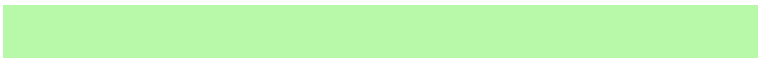
The Inverse Universe completely reimagines the original color for something new.



78, 40.270, 337.757



76, 49.624, 338.368



92, 47.438, 137.532



49, 7.092, 335.948



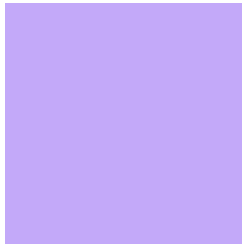
42, 72.465, 346.802



10, 33.642, 343.752

Previews

White Background



This preview shows how the CIELCh color 74, 44.321, 304.870 looks on a white background.

Color Contrast Check

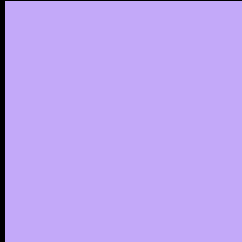
Large Text (above 18pt) WCAG AA × Fail

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, 44.321, 304.870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

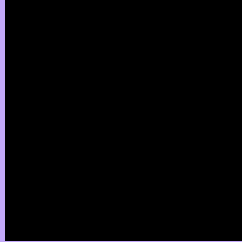
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 44.321, 304.870

Background



This preview shows how black text looks on a background with the CIELCh color 74, 44.321, 304.870.




This preview shows how white text looks on a background with the CIELCh color 74, 44.321, 304.870.

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





Tritanopia
74, 7.829, 304.304

Trichromacy



Original Color
74, 44.321, 304.870

Protanomaly
74, 42.269, 292.823

Deuteranomaly
74, 39.588, 293.825

Tritanomaly
74, 21.185, 304.407

Monochromacy



Original Color
74, 44.321, 304.870

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 16.064, 303.020

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 44.321, 304.870 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(195, 169, 249)` looks like.

```
.text, #text, p{  
    color:rgb(195, 169, 249)  
}
```

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(195, 169, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 169, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 44.321, 304.870 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(195, 169, 249) }
```

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

```
.border{ border-color:rgb(195, 169, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 169, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 169, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 169, 249); box-shadow:4px 4px 4px 4px rgb(195, 169, 249) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 44.321, 304.870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 169, 249) }
```

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

```
.background{ background-color: rgb(195,  
169, 249) }
```

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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