

Converting Colors

CIELCh(74, 48.996, 305.885)

Have a look what the booklet for
CIELCh(74, 48.996, 305.885)
contains.

CIELCh(74, 48.847, 305.957)	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, 48.847, 305.957)

Conversions

Conversions Part 1

Format	Color
Hex	C6A7FF
RGB	198, 167, 255
RGB Percent	78%, 65%, 100%
CMY	0.2247, 0.3462, 0.0012
CMYK	0.22, 0.35, 0.00, 0.00
HSL	261°, 99%, 83%
HSV	261°, 35%, 100%
XYZ	54.9828, 46.7039, 100.4727
YIQ	186.3010, -9.7720, 33.9400

Conversions

Conversions Part 2

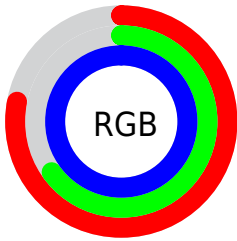
Format	Color
RYB	198, 167, 255
Decimal	13019135
CIELab	74.00, 28.68, -39.54
CIELCh	74, 48.847, 305.957
Yxy	46.7039, 0.2720, 0.2310
Android (android.graphics.Color)	4291209215 (0xFFC6A7FF)
YUV	186.3010, 33.8686, 10.2600
Hunter-Lab	68.3403, 24.0156, -39.3290

Details

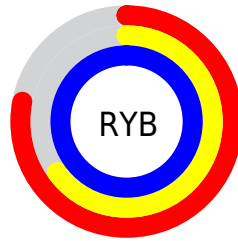
The CIELCh color $74, 48.847, 305.957$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $96, 45.707, 121.872$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 20.651, 325.143$, and $54, 48.730, 306.014$ is the 20% darker color. If you saturate the color by 10%, you get $67, 63.852, 306.739$, and if you desaturate by 10%, it is $81, 34.161, 305.230$.

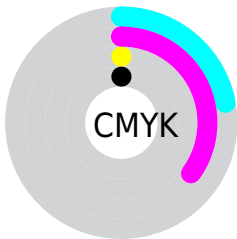
Distribution



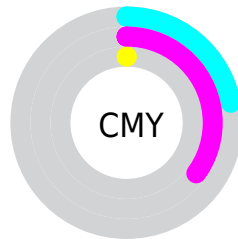
- Red (78%)
- Green (65%)
- Blue (100%)



- Red (78%)
- Yellow (65%)
- Blue (100%)



- Cyan (22%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)





- Cyan (22%)
- Magenta (35%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 48.847, 305.957 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, 48.847, 305.957 by changing the saturation by 10% instead.

 74, 48.847,
305.957

 74, 48.847,
305.957


 100, 48.847,
305.957


 64, 48.847,
305.957


 94, 48.847,
305.957

 54, 48.847,
305.957

 44, 48.847,
305.957

 34, 48.847,
305.957

 24, 48.847,
305.957

 14, 48.847,
305.957

 4, 48.847, 305.957

■ 0, 48.847, 305.957

■ 74, 48.847,
305.957

■ 74, 48.847,
305.957

■ 67, 63.852,
306.739

■ 81, 34.161,
305.230

■ 60, 78.950,
307.542

■ 89, 19.904,
304.571

■ 53, 93.689,
308.305

■ 96, 6.115, 303.977

■ 47, 107.281,
308.924

100, 0.139,
109.613

■ 42, 118.542,
309.248

■ 38, 126.146,
309.111

■ 37,128.834,
308.875

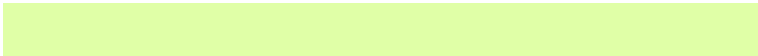
Harmonies

Complementary

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



74, 48.847, 305.957



96, 45.707, 121.872

Rectangle

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



74, 48.847, 305.957



74, 48.847, 355.957



74, 48.847, 125.957



74, 48.847, 175.957

Sweetspot

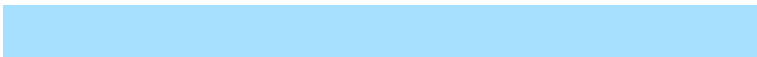
The Sweet Spot groups the original color and five complimentary colors.



74, 48.845, 305.957



92, 13.599, 304.294



86, 23.499, 242.245



48, 9.299, 304.378



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, 48.845, 305.957



69, 58.570, 306.457



78, 53.004, 321.877



49, 7.725, 304.265



27, 103.642, 309.045



5, 44.839, 308.972

Inverse Universe

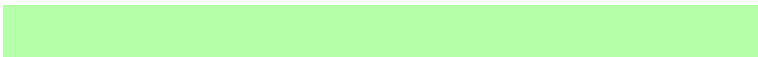
The Inverse Universe completely reimagines the original color for something new.



79, 43.259, 339.233



75, 51.144, 339.850



93, 52.441, 138.256



50, 7.072, 337.131



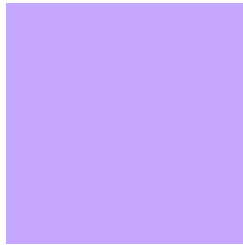
42, 72.047, 348.980



11, 33.977, 345.674

Previews

White Background



This preview shows how the CIELCh color 74, 48.847, 305.957 looks on a white background.

Color Contrast Check

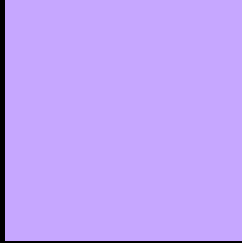
Large Text (above 18pt) WCAG AA × Fail

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, 48.847, 305.957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

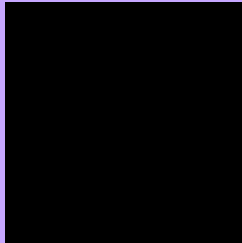
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 48.847, 305.957

Background



This preview shows how black text looks on a background with the CIELCh color 74, 48.847, 305.957.



This preview shows how white text looks on a background with the CIELCh color 74, 48.847, 305.957.

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, 48.847, 305.957

Protanopia

74, 40.840, 284.696

Deuteranopia

74, 39.225, 284.518



Tritanopia
74, 8.170, 311.810

Trichromacy



Original Color
74, 48.847, 305.957

Protanomaly
74, 43.341, 292.949

Deuteranomaly
74, 42.268, 293.231

Tritanomaly
74, 22.499, 306.490

Monochromacy



Original Color
74, 48.847, 305.957

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 17.813, 304.299

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 48.847, 305.957 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(198, 167, 255)` looks like.

```
.text, #text, p{  
    color:rgb(198, 167, 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(198, 167, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 167, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 48.847, 305.957 is called "border". The border property can be set on classes, ids or directly on the HTML element.

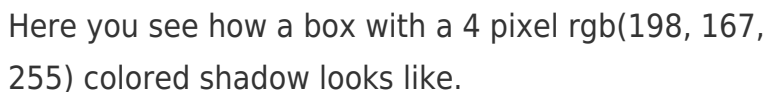
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 167, 255) }
```

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

```
.border{ border-color:rgb(198, 167, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 167, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 167, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 167, 255);  
box-shadow:4px 4px 4px 4px rgb(198, 167,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 48.847, 305.957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 167, 255) }
```

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

```
.background{ background-color: rgb(198,  
167, 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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