

Converting Colors

CIELCh(74, 52.761, 310.321)

Have a look what the booklet for
CIELCh(74, 52.761, 310.321)
contains.

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Color

CIELCh(74, 51.979, 310.526)

Conversions

Conversions Part 1

Format	Color
Hex	D0A3FF
RGB	208, 163, 255
RGB Percent	82%, 64%, 100%
CMY	0.1852, 0.3616, 0.0009
CMYK	0.18, 0.36, 0.00, 0.00
HSL	269°, 100%, 82%
HSV	269°, 36%, 100%
XYZ	57.0243, 46.7039, 100.4267
YIQ	186.9430, -2.7120, 38.1520

Conversions

Conversions Part 2

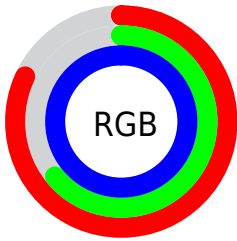
Format	Color
RYB	208, 163, 255
Decimal	13673471
CIELab	74.00, 33.78, -39.51
CIELCh	74, 51.979, 310.526
Yxy	46.7039, 0.2793, 0.2288
Android (android.graphics.Color)	4291863551 (0xFFD0A3FF)
YUV	186.9430, 33.5521, 18.4670
Hunter-Lab	68.3403, 29.3479, -39.2890

Details

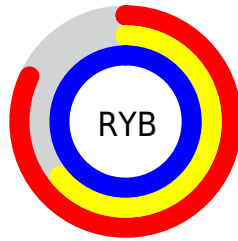
The CIELCh color `74, 51.979, 310.526` is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be `95, 49.273, 126.968`, and the grayscale version is `76, 0.009, 296.813`.

A 20% lighter version of the original color is `91, 23.170, 325.231`, and `54, 51.781, 310.369` is the 20% darker color. If you saturate the color by 10%, you get `67, 66.906, 311.088`, and if you desaturate by 10%, it is `81, 37.150, 309.969`.

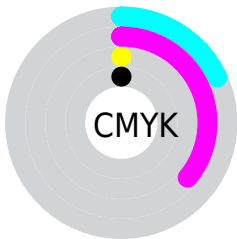
Distribution



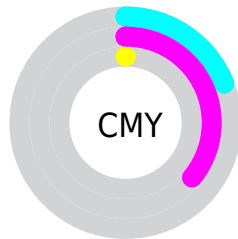
- Red (82%)
- Green (64%)
- Blue (100%)



- Red (82%)
- Yellow (64%)
- Blue (100%)



- Cyan (18%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)





- Cyan (19%)
- Magenta (36%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 51.979, 310.526 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, 51.979, 310.526 by changing the saturation by 10% instead.


 74, 51.979,
310.526


 74, 51.979,
310.526


 100, 51.979,
310.526


 64, 51.979,
310.526


 94, 51.979,
310.526

 54, 51.979,
310.526

 44, 51.979,
310.526

 34, 51.979,
310.526

 24, 51.979,
310.526

 14, 51.979,
310.526

 4, 51.979, 310.526

■ 0, 51.979, 310.526

■ 74, 51.979,
310.526

■ 74, 51.979,
310.526

■ 67, 66.906,
311.088

■ 81, 37.150,
309.969

■ 60, 81.606,
311.614

■ 88, 22.609,
309.440

■ 54, 95.528,
312.042

■ 96, 8.447, 308.944

■ 49, 107.845,
312.276

100, 0.102,
109.416

■ 45, 117.514,
312.199

■ 41, 123.606,
311.697

■ 40,125.265,
311.430

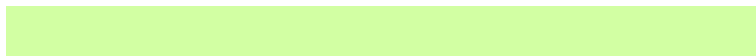
Harmonies

Complementary

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



74, 51.979, 310.526



95, 49.273, 126.968

Rectangle

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



74, 51.979, 310.526



74, 51.979, 0.526



74, 51.979, 130.526



74, 51.979, 180.526

Sweetspot

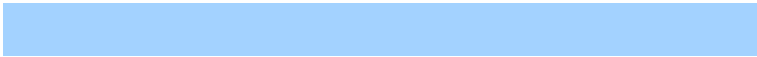
The Sweet Spot groups the original color and five complimentary colors.



74, 51.977, 310.526



92, 15.344, 309.184



82, 27.125, 259.616



48, 10.330, 309.251



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, 51.977, 310.526



69, 62.325, 310.915



79, 57.104, 325.914



49, 7.913, 309.110



30, 100.769, 311.625



6, 44.910, 312.577

Inverse Universe

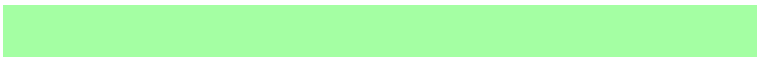
The Inverse Universe completely reimagines the original color for something new.



77, 41.481, 346.563



73, 49.264, 347.439



93, 57.110, 141.377



50, 6.430, 343.818



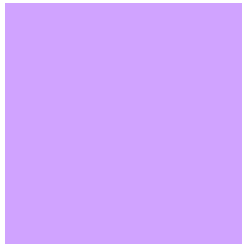
41, 68.376, 1.076



10, 31.976, 355.647

Previews

White Background



This preview shows how the CIELCh color 74, 51.979, 310.526 looks on a white background.

Color Contrast Check

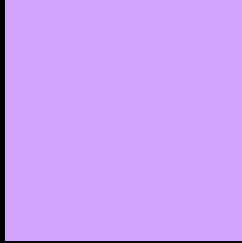
Large Text (above 18pt) WCAG AA × Fail

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, 51.979, 310.526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

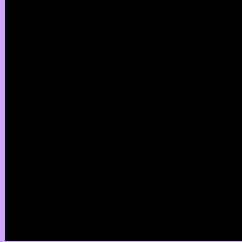
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 51.979, 310.526

Background



This preview shows how black text looks on a background with the CIELCh color 74, 51.979, 310.526.

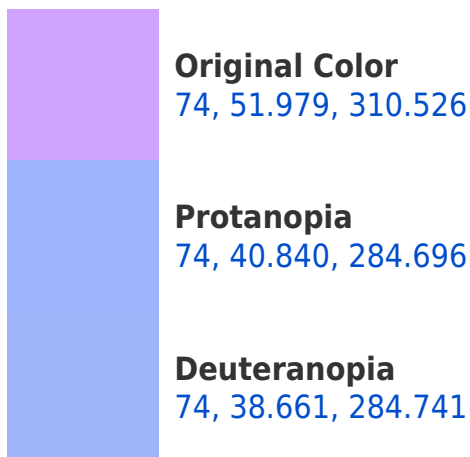


This preview shows how white text looks on a background with the CIELCh color 74, 51.979, 310.526.

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, 10.908, 336.385

Trichromacy



Original Color
74, 51.979, 310.526



Protanomaly
74, 43.929, 294.991



Deuteranomaly
74, 42.330, 295.309



Tritanomaly
74, 25.712, 316.508

Monochromacy



Original Color
74, 51.979, 310.526



Achromatopsia
76, 0.009, 296.813



Achromatomaly
75, 19.432, 309.802

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 51.979, 310.526 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(208, 163, 255)` looks like.

```
.text, #text, p{  
    color:rgb(208, 163, 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(208, 163, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 163, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 51.979, 310.526 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(208, 163, 255) }
```

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

```
.border{ border-color:rgb(208, 163, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 163, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 163, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 163, 255);  
box-shadow:4px 4px 4px 4px rgb(208, 163,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 51.979, 310.526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 163, 255) }
```

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

```
.background{ background-color: rgb(208,  
163, 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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