

Converting Colors

CIELCh(74, 50.787, 308.734)

Have a look what the booklet for
CIELCh(74, 50.787, 308.734)
contains.

CIELCh(74, 51.075, 308.891)	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, 51.075, 308.891)

Conversions

Conversions Part 1

Format	Color
Hex	CCA4FF
RGB	204, 164, 255
RGB Percent	80%, 64%, 100%
CMY	0.1993, 0.3562, 0.0000
CMYK	0.20, 0.36, 0.00, 0.00
HSL	266°, 100%, 82%
HSV	266°, 36%, 100%
XYZ	56.3339, 46.7039, 100.8047
YIQ	186.3340, -5.3710, 36.7810

Conversions

Conversions Part 2

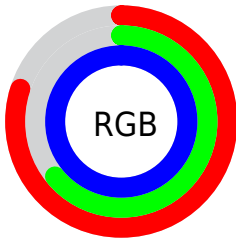
Format	Color
RYB	204, 164, 255
Decimal	13411583
CIELab	74.00, 32.07, -39.75
CIELCh	74, 51.075, 308.891
Yxy	46.7039, 0.2764, 0.2291
Android (android.graphics.Color)	4291601663 (0xFFCCA4FF)
YUV	186.3340, 33.8523, 15.4931
Hunter-Lab	68.3403, 27.5448, -39.6170

Details

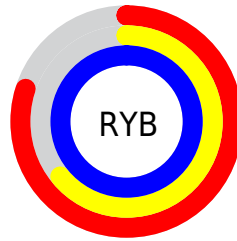
The CIELCh color **74, 51.075, 308.891** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **95, 48.081, 125.209**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 22.540, 325.209**, and **54, 50.913, 308.679** is the 20% darker color. If you saturate the color by 10%, you get **67, 65.957, 309.547**, and if you desaturate by 10%, it is **81, 36.191, 308.307**.

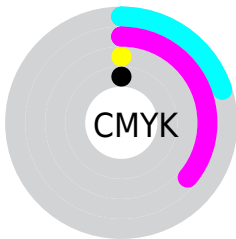
Distribution



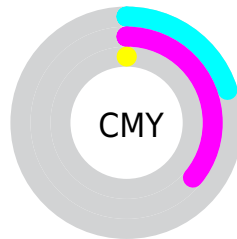
- Red (80%)
- Green (64%)
- Blue (100%)



- Red (80%)
- Yellow (64%)
- Blue (100%)



- Cyan (20%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)





- Cyan (20%)
- Magenta (36%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 51.075, 308.891 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, 51.075, 308.891 by changing the saturation by 10% instead.


 74, 51.075,
308.891


 74, 51.075,
308.891


 100, 51.075,
308.891


 64, 51.075,
308.891


 94, 51.075,
308.891

 54, 51.075,
308.891

 44, 51.075,
308.891

 34, 51.075,
308.891

 24, 51.075,
308.891

 14, 51.075,
308.891

 4, 51.075, 308.891

■ 0, 51.075, 308.891

■ 74, 51.075,
308.891

■ 74, 51.075,
308.891

■ 67, 65.957,
309.547

■ 81, 36.191,
308.307

■ 60, 80.821,
310.160

■ 89, 21.741,
307.738

■ 54, 95.056,
310.691

■ 96, 7.706, 307.213

■ 48, 107.843,
311.042

100, 0.012,
296.813

■ 44, 118.079,
311.083

■ 40, 124.697,
310.684

■ 39,126.671,
310.412

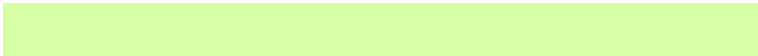
Harmonies

Complementary

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



74, 51.075, 308.891



95, 48.081, 125.209

Rectangle

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



74, 51.075, 308.891



74, 51.075, 358.891



74, 51.075, 128.891



74, 51.075, 178.891

Sweetspot

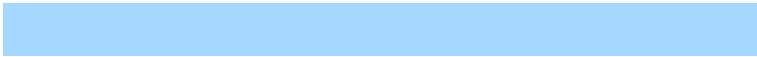
The Sweet Spot groups the original color and five complimentary colors.



74, 50.981, 308.916



92, 15.204, 307.491



84, 25.562, 253.491



48, 10.237, 307.563



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, 50.981, 308.916



69, 62.029, 309.381



78, 55.737, 324.424



49, 7.840, 307.413



29, 101.819, 310.603



6, 44.920, 311.260

Inverse Universe

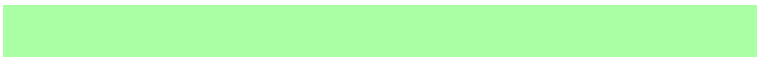
The Inverse Universe completely reimagines the original color for something new.



78, 42.176, 343.803



74, 50.661, 344.656



93, 55.533, 140.258



50, 6.647, 341.294



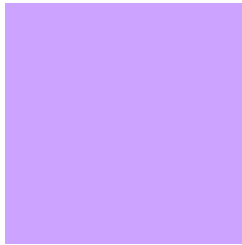
41, 69.259, 356.567



11, 32.553, 351.909

Previews

White Background



This preview shows how the CIELCh color 74, 51.075, 308.891 looks on a white background.

Color Contrast Check

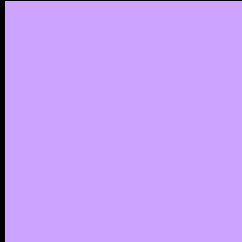
Large Text (above 18pt) WCAG AA × Fail

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, 51.075, 308.891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

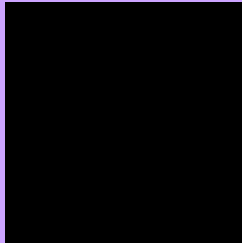
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 51.075, 308.891

Background



This preview shows how black text looks on a background with the CIELCh color 74, 51.075, 308.891.



This preview shows how white text looks on a background with the CIELCh color 74, 51.075, 308.891.

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, 51.075, 308.891

Protanopia

74, 40.840, 284.696

Deuteranopia

74, 39.225, 284.518



Tritanopia
74, 9.657, 328.497

Trichromacy



Original Color
74, 51.075, 308.891



Protanomaly
74, 43.924, 294.597



Deuteranomaly
74, 42.852, 294.520



Tritanomaly
74, 24.535, 313.169

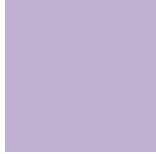
Monochromacy



Original Color
74, 51.075, 308.891



Achromatopsia
76, 0.009, 296.813



Achromatomaly
75, 18.710, 308.218

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 51.075, 308.891 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(204, 164, 255)` looks like.

```
.text, #text, p{  
    color:rgb(204, 164, 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(204, 164, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 164, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 51.075, 308.891 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(204, 164, 255) }
```

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

```
.border{ border-color:rgb(204, 164, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 164, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 164, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 164, 255);  
box-shadow:4px 4px 4px 4px rgb(204, 164,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 51.075, 308.891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 164, 255) }
```

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

```
.background{ background-color: rgb(204,  
164, 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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