

Converting Colors

CIELCh(74, 49.993, 317.684)

Have a look what the booklet for
CIELCh(74, 49.993, 317.684)
contains.

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Color

CIELCh(74, 50.224, 317.793)

Conversions

Conversions Part 1

Format	Color
Hex	DC9FF4
RGB	220, 159, 244
RGB Percent	86%, 62%, 96%
CMY	0.1361, 0.3754, 0.0420
CMYK	0.10, 0.35, 0.00, 0.04
HSL	283°, 80%, 79%
HSV	283°, 35%, 96%
XYZ	58.4256, 46.7039, 91.7611
YIQ	186.9290, 9.0710, 39.3670

Conversions

Conversions Part 2

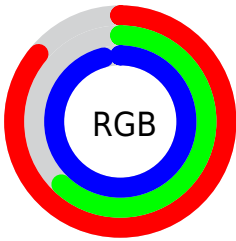
Format	Color
R_{YB}	220, 159, 244
Decimal	14458868
CIE _{Lab}	74.00, 37.20, -33.74
CIE _{LCh}	74, 50.224, 317.793
Yxy	46.7039, 0.2967, 0.2372
Android (android.graphics.Color)	4292648948 (0xFFDC9FF4)
YUV	186.9290, 28.1360, 29.0033
Hunter-Lab	68.3403, 33.0080, -31.7710

Details

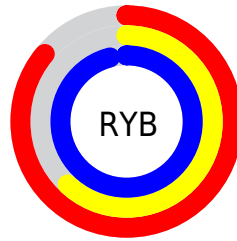
The CIELCh color `74, 50.224, 317.793` is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be `91, 49.023, 134.549`, and the grayscale version is `76, 0.009, 296.813`.

A 20% lighter version of the original color is `90, 25.689, 325.319`, and `54, 50.288, 318.060` is the 20% darker color. If you saturate the color by 10%, you get `68, 64.590, 318.195`, and if you desaturate by 10%, it is `80, 35.631, 317.358`.

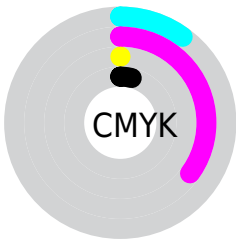
Distribution



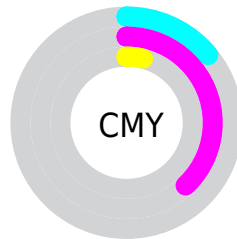
- Red (86%)
- Green (62%)
- Blue (96%)



- Red (86%)
- Yellow (62%)
- Blue (96%)



- Cyan (10%)
- Magenta (35%)
- Yellow (0%)
- Black (4%)





- Cyan (14%)
- Magenta (38%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 50.224, 317.793 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, 50.224, 317.793 by changing the saturation by 10% instead.


 74, 50.224,
317.793

 74, 50.224,
317.793


 100, 50.224,
317.793


 64, 50.224,
317.793


 94, 50.224,
317.793

 54, 50.224,
317.793

 44, 50.224,
317.793

 34, 50.224,
317.793

 24, 50.224,
317.793

 14, 50.224,
317.793

 4, 50.224, 317.793

■ 0, 50.224, 317.793

■ 74, 50.224,
317.793

■ 74, 50.224,
317.793

■ 68, 64.590,
318.195

■ 80, 35.631,
317.358

■ 62, 78.323,
318.529

■ 87, 21.092,
316.913

■ 57, 90.844,
318.747

■ 93, 6.774, 316.461

■ 53, 101.436,
318.792

■ 99, 6.002, 134.470

■ 50, 109.362,
318.597

■ 100, 5.416,
110.575

■ 48, 114.136,
318.112

■ 100, 5.415,
109.759

■ 47,115.652,
317.770

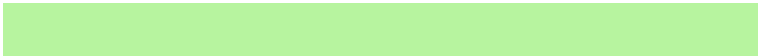
Harmonies

Complementary

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



74, 50.224, 317.793



91, 49.023, 134.549

Rectangle

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



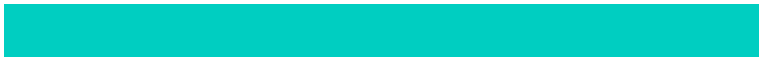
74, 50.224, 317.793



74, 50.224, 7.793



74, 50.224, 137.793



74, 50.224, 187.793

Sweetspot

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



74, 50.222, 317.793



93, 14.686, 316.700



75, 33.455, 280.408



49, 10.034, 316.763



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, 50.222, 317.793



72, 62.752, 318.091



76, 46.173, 333.439



48, 8.070, 316.676



35, 94.227, 317.924



7, 41.527, 319.107

Inverse Universe

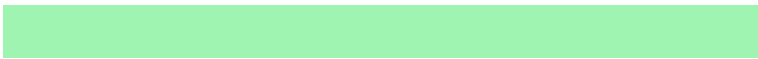
The Inverse Universe completely reimagines the original color for something new.



75, 34.740, 1.291



73, 43.706, 2.522



90, 45.953, 148.310



48, 5.432, 358.049



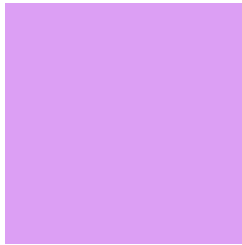
39, 69.849, 22.724



9, 29.720, 12.314

Previews

White Background



This preview shows how the CIELCh color 74, 50.224, 317.793 looks on a white background.

Color Contrast Check

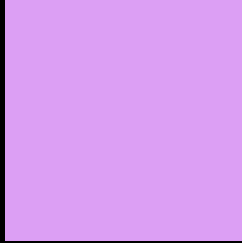
Large Text (above 18pt) WCAG AA × Fail

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, 50.224, 317.793 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, 50.224, 317.793

Background



This preview shows how black text looks on a background with the CIELCh color 74, 50.224, 317.793.



This preview shows how white text looks on a background with the CIELCh color 74, 50.224, 317.793.

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, 50.224, 317.793

Protanopia

74, 40.805, 285.090

Deuteranopia

74, 33.112, 287.235



Tritanopia
74, 16.898, 354.448

Trichromacy



Original Color
74, 50.224, 317.793



Protanomaly
74, 43.037, 297.835



Deuteranomaly
74, 38.407, 300.881



Tritanomaly
74, 27.520, 330.128

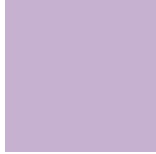
Monochromacy



Original Color
74, 50.224, 317.793



Achromatopsia
76, 0.009, 296.813



Achromatomaly
75, 18.602, 316.659

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 50.224, 317.793 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(220, 159, 244)` looks like.

```
.text, #text, p{  
    color:rgb(220, 159, 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(220, 159, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 159, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 50.224, 317.793 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(220, 159, 244) }
```

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

```
.border{ border-color:rgb(220, 159, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 159, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 159, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 159, 244);  
box-shadow:4px 4px 4px 4px rgb(220, 159,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 50.224, 317.793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 159, 244) }
```

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

```
.background{ background-color: rgb(220,  
159, 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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