

Converting Colors

CIELCh(74, 44.974, 297.560)

Have a look what the booklet for
CIELCh(74, 44.974, 297.560)
contains.

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Color

CIELCh(74, 45.174, 297.797)

Conversions

Conversions Part 1

Format	Color
Hex	B5ACFF
RGB	181, 172, 255
RGB Percent	71%, 67%, 100%
CMY	0.2891, 0.3244, 0.0000
CMYK	0.29, 0.32, 0.00, 0.00
HSL	247°, 100%, 84%
HSV	247°, 32%, 100%
XYZ	52.0224, 46.7039, 101.1268
YIQ	184.1530, -21.2790, 27.7210

Conversions

Conversions Part 2

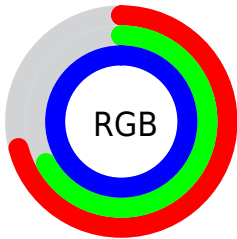
Format	Color
RYB	181, 172, 255
Decimal	11906303
CIELab	74.00, 21.07, -39.96
CIELCh	74, 45.174, 297.797
Yxy	46.7039, 0.2603, 0.2337
Android (android.graphics.Color)	4290096383 (0xFFB5ACFF)
YUV	184.1530, 34.9276, -2.7652
Hunter-Lab	68.3403, 16.2833, -39.8964

Details

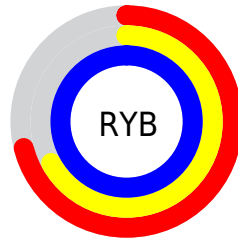
The CIELCh color $74, 45.174, 297.797$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $98, 41.594, 111.826$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 15.052, 305.807$, and $54, 45.069, 297.695$ is the 20% darker color. If you saturate the color by 10%, you get $66, 60.100, 299.187$, and if you desaturate by 10%, it is $82, 30.506, 296.589$.

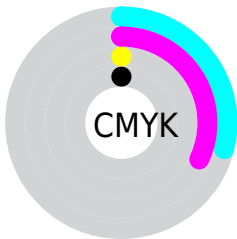
Distribution



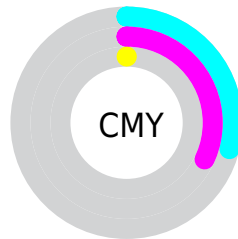
- Red (71%)
- Green (67%)
- Blue (100%)



- Red (71%)
- Yellow (67%)
- Blue (100%)



- Cyan (29%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)





- Cyan (29%)
- Magenta (32%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 45.174, 297.797 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, 45.174, 297.797 by changing the saturation by 10% instead.


 74, 45.174,
297.797

 74, 45.174,
297.797


 100, 45.174,
297.797


 64, 45.174,
297.797


 94, 45.174,
297.797

 54, 45.174,
297.797

 44, 45.174,
297.797

 34, 45.174,
297.797

 24, 45.174,
297.797

 14, 45.174,
297.797

 4, 45.174, 297.797

■ 0, 45.174, 297.797

■ 74, 45.174,
297.797

■ 74, 45.174,
297.797

■ 66, 60.100,
299.187

■ 82, 30.506,
296.589

■ 58, 75.665,
300.742

■ 90, 16.575,
295.547

■ 51, 91.413,
302.406

■ 98, 3.198, 294.662

■ 44, 106.629,
304.051

100, 0.012,
296.813

■ 38, 119.912,
305.449

■ 35, 129.261,
306.312

■ 33,133.184,
306.579

Harmonies

Complementary

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



74, 45.174, 297.797



98, 41.594, 111.826

Rectangle

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



74, 45.174, 297.797



74, 45.174, 347.797



74, 45.174, 117.797



74, 45.174, 167.797

Sweetspot

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



74, 45.016, 297.799



92, 13.258, 295.317



93, 23.724, 208.443



48, 9.070, 295.448



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, 45.016, 297.799



69, 54.847, 298.690



77, 47.385, 313.938



49, 7.531, 295.271



23, 107.154, 306.648



4, 44.378, 303.882

Inverse Universe

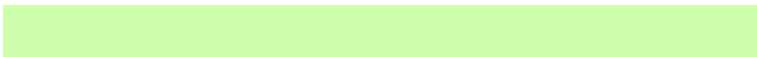
The Inverse Universe completely reimagines the original color for something new.



80, 48.052, 329.468



77, 57.427, 329.861



95, 45.748, 130.977



50, 8.405, 328.077



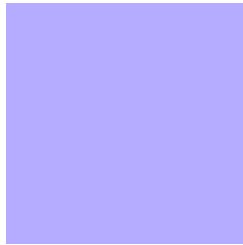
44, 85.445, 333.118



12, 39.715, 332.467

Previews

White Background



This preview shows how the CIELCh color 74, 45.174, 297.797 looks on a white background.

Color Contrast Check

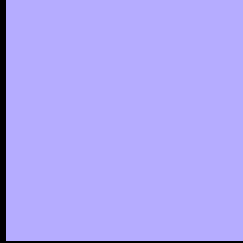
Large Text (above 18pt) WCAG AA × Fail

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, 45.174, 297.797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

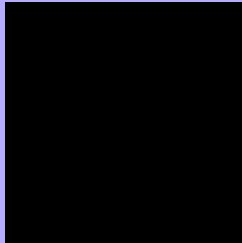
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 45.174, 297.797

Background



This preview shows how black text looks on a background with the CIELCh color 74, 45.174, 297.797.



This preview shows how white text looks on a background with the CIELCh color 74, 45.174, 297.797.

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, 45.174, 297.797

Protanopia

74, 41.372, 285.302

Deuteranopia

74, 39.826, 283.903



Tritanopia
74, 8.941, 257.364

Trichromacy



Original Color
74, 45.174, 297.797

Protanomaly
74, 42.263, 289.568

Deuteranomaly
74, 41.729, 289.452

Tritanomaly
74, 21.178, 286.696

Monochromacy



Original Color
74, 45.174, 297.797

Achromatopsia
75, 0.009, 296.813

Achromatomaly
74, 16.304, 295.384

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 45.174, 297.797 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(181, 172, 255)` looks like.

```
.text, #text, p{  
    color:rgb(181, 172, 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(181, 172, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 172, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 45.174, 297.797 is called "border". The border property can be set on classes, ids or directly on the HTML element.

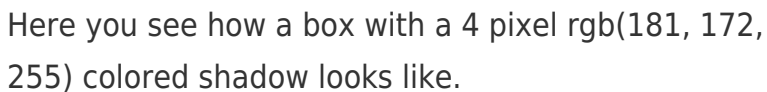
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 172, 255) }
```

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

```
.border{ border-color:rgb(181, 172, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(181, 172, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 172, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 172, 255);  
box-shadow:4px 4px 4px 4px rgb(181, 172,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 45.174, 297.797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 172, 255) }
```

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

```
.background{ background-color: rgb(181,  
172, 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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