

Converting Colors

CIELCh(74, 43.031, 301.183)

Have a look what the booklet for
CIELCh(74, 43.031, 301.183)
contains.

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Color

CIELCh(74, 43.304, 301.182)

Conversions

Conversions Part 1

Format	Color
Hex	BCABFA
RGB	188, 171, 250
RGB Percent	74%, 67%, 98%
CMY	0.2628, 0.3295, 0.0197
CMYK	0.25, 0.32, 0.00, 0.02
HSL	253°, 89%, 83%
HSV	253°, 32%, 98%
XYZ	52.5410, 46.7039, 96.6645
YIQ	185.0890, -15.2270, 28.1730

Conversions

Conversions Part 2

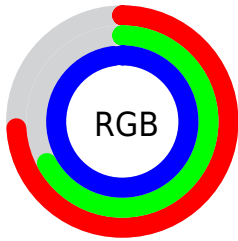
Format	Color
RYB	188, 171, 250
Decimal	12364794
CIELab	74.00, 22.42, -37.05
CIELCh	74, 43.304, 301.182
Yxy	46.7039, 0.2682, 0.2384
Android (android.graphics.Color)	4290554874 (0xFFBCABFA)
YUV	185.0890, 32.0011, 2.5529
Hunter-Lab	68.3403, 17.6378, -36.0250

Details

The CIELCh color $74, 43.304, 301.182$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $95, 40.332, 116.450$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 16.464, 314.765$, and $54, 43.016, 301.006$ is the 20% darker color. If you saturate the color by 10%, you get $66, 58.051, 302.250$, and if you desaturate by 10%, it is $82, 29.042, 300.232$.

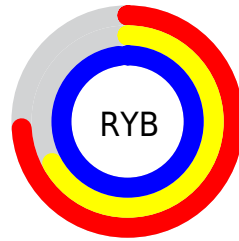
Distribution



Red (74%)

Green (67%)

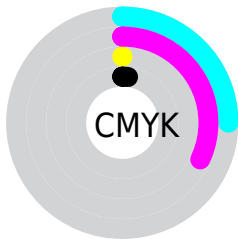
Blue (98%)



Red (74%)

Yellow (67%)

Blue (98%)

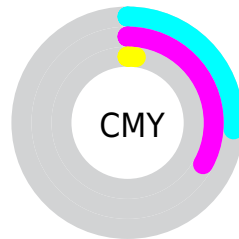


Cyan (25%)

Magenta (32%)

Yellow (0%)

Black (2%)



Cyan (26%)


Magenta (33%)


Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 43.304, 301.182 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, 43.304, 301.182 by changing the saturation by 10% instead.


 74, 43.304,
301.182


 74, 43.304,
301.182


 100, 43.304,
301.182


 64, 43.304,
301.182


 94, 43.304,
301.182

 54, 43.304,
301.182

 44, 43.304,
301.182

 34, 43.304,
301.182

 24, 43.304,
301.182

 14, 43.304,
301.182

 4, 43.304, 301.182

0, 43.304, 301.182

74, 43.304,
301.182

74, 43.304,
301.182

66, 58.051,
302.250

82, 29.042,
300.232

59, 73.168,
303.420

89, 15.305,
299.401

52, 88.347,
304.641

97, 2.083, 298.674

45, 102.937,
305.810

100, 2.539,
109.958

40, 115.761,
306.753

35, 125.164,
307.243

■ 33,129.821,
307.262

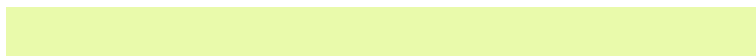
Harmonies

Complementary

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



74, 43.304, 301.182



95, 40.332, 116.450

Rectangle

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



74, 43.304, 301.182



74, 43.304, 351.182



74, 43.304, 121.182



74, 43.304, 171.182

Sweetspot

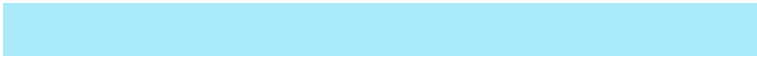
The Sweet Spot groups the original color and five complimentary colors.



74, 43.302, 301.182



93, 12.008, 299.204



89, 21.388, 221.013



49, 8.367, 299.314



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, 43.302, 301.182



70, 53.549, 301.857



77, 46.254, 317.099



48, 7.468, 299.241



24, 104.914, 307.381



4, 42.604, 305.269

Inverse Universe

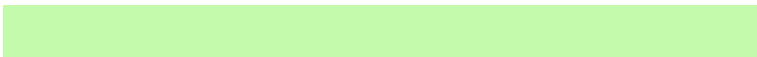
The Inverse Universe completely reimagines the original color for something new.



79, 42.839, 333.157



77, 52.108, 333.619



93, 45.166, 134.196



49, 7.670, 331.639



43, 78.019, 339.115



11, 36.016, 337.456

Previews

White Background



This preview shows how the CIELCh color 74, 43.304, 301.182 looks on a white background.

Color Contrast Check

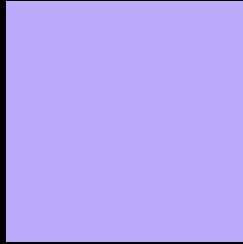
Large Text (above 18pt) WCAG AA × Fail

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, 43.304, 301.182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

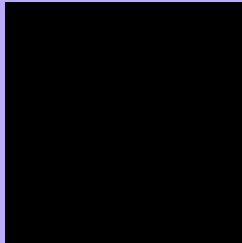
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 43.304, 301.182

Background



This preview shows how black text looks on a background with the CIELCh color 74, 43.304, 301.182.

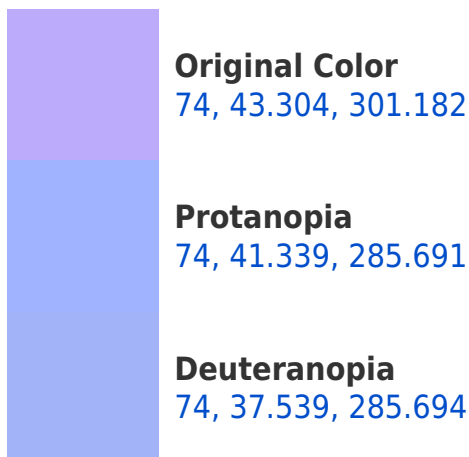


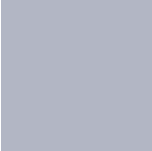
This preview shows how white text looks on a background with the CIELCh color 74, 43.304, 301.182.

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, 7.688, 280.164

Trichromacy



Original Color
74, 43.304, 301.182

Protanomaly
74, 41.708, 291.502

Deuteranomaly
74, 39.557, 291.594

Tritanomaly
74, 20.685, 295.915

Monochromacy



Original Color
74, 43.304, 301.182

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 15.880, 299.266

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 43.304, 301.182 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(188, 171, 250)` looks like.

```
.text, #text, p{  
    color:rgb(188, 171, 250)  
}
```

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(188, 171, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 171, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 43.304, 301.182 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(188, 171, 250) }
```

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

```
.border{ border-color:rgb(188, 171, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 171, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 171, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 171, 250);  
box-shadow:4px 4px 4px 4px rgb(188, 171,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 43.304, 301.182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 171, 250) }
```

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

```
.background{ background-color: rgb(188,  
171, 250) }
```

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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