

Converting Colors

CIELCh(74, 40.897, 302.243)

Have a look what the booklet for
CIELCh(74, 40.897, 302.243)
contains.

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Color

CIELCh(74, 40.736, 302.430)

Conversions

Conversions Part 1

Format	Color
Hex	BEABF5
RGB	190, 171, 245
RGB Percent	75%, 67%, 96%
CMY	0.2546, 0.3291, 0.0389
CMYK	0.22, 0.30, 0.00, 0.04
HSL	255°, 79%, 82%
HSV	255°, 30%, 96%
XYZ	52.3202, 46.7039, 92.6999
YIQ	185.1170, -12.4300, 27.0420

Conversions

Conversions Part 2

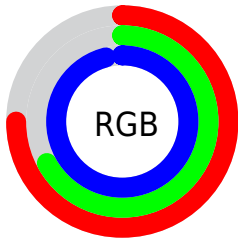
Format	Color
R _Y B	190, 171, 245
Decimal	12495861
CIE Lab	74.00, 21.85, -34.38
CIE LCh	74, 40.736, 302.430
Yxy	46.7039, 0.2729, 0.2436
Android (android.graphics.Color)	4290685941 (0xFFBEABF5)
YUV	185.1170, 29.5223, 4.2824
Hunter-Lab	68.3403, 17.0612, -32.5855

Details

The CIELCh color $74, 40.736, 302.430$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $94, 38.188, 118.273$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 16.753, 316.965$, and $54, 40.274, 302.181$ is the 20% darker color. If you saturate the color by 10%, you get $67, 55.174, 303.382$, and if you desaturate by 10%, it is $81, 26.751, 301.578$.

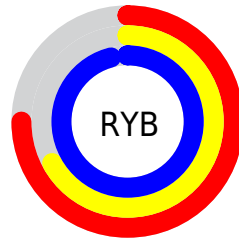
Distribution



Red (75%)

Green (67%)

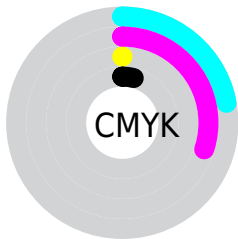
Blue (96%)



Red (75%)

Yellow (67%)

Blue (96%)

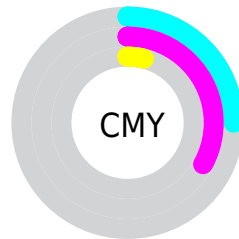


Cyan (22%)

Magenta (30%)

Yellow (0%)

Black (4%)



Cyan (25%)


Magenta (33%)


Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 40.736, 302.430 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, 40.736, 302.430 by changing the saturation by 10% instead.


 74, 40.736,
302.430


 74, 40.736,
302.430


 100, 40.736,
302.430


 64, 40.736,
302.430


 94, 40.736,
302.430

 54, 40.736,
302.430

 44, 40.736,
302.430

 34, 40.736,
302.430

 24, 40.736,
302.430

 14, 40.736,
302.430

 4, 40.736, 302.430

0, 40.736, 302.430

74, 40.736,
302.430

74, 40.736,
302.430

67, 55.174,
303.382

81, 26.751,
301.578

59, 69.950,
304.417

89, 13.260,
300.828

52, 84.780,
305.490

96, 0.261, 300.034

46, 99.080,
306.511

100, 5.023,
109.787

40, 111.811,
307.329

36, 121.486,
307.740

■ 33,127.142,
307.669

Harmonies

Complementary

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



74, 40.736, 302.430



94, 38.188, 118.273

Rectangle

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



74, 40.736, 302.430



74, 40.736, 352.430



74, 40.736, 122.430



74, 40.736, 172.430

Sweetspot

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



74, 40.734, 302.430



93, 12.062, 300.746



87, 19.916, 227.676



49, 8.404, 300.848



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, 40.734, 302.430



72, 50.677, 302.978



77, 43.926, 318.609



47, 7.375, 300.778



24, 103.234, 307.804



4, 40.693, 305.571

Inverse Universe

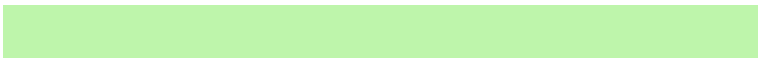
The Inverse Universe completely reimagines the original color for something new.



79, 39.167, 334.685



78, 48.074, 335.136



91, 43.137, 135.770



48, 7.321, 333.190



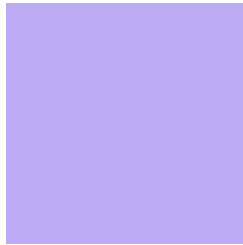
42, 74.988, 341.827



10, 34.153, 339.587

Previews

White Background



This preview shows how the CIELCh color 74, 40.736, 302.430 looks on a white background.

Color Contrast Check

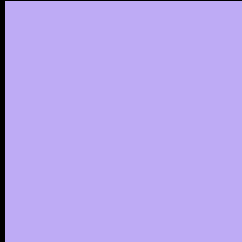
Large Text (above 18pt) WCAG AA × Fail

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, 40.736, 302.430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

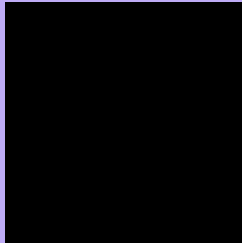
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 40.736, 302.430

Background



This preview shows how black text looks on a background with the CIELCh color 74, 40.736, 302.430.



This preview shows how white text looks on a background with the CIELCh color 74, 40.736, 302.430.

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

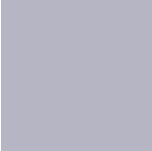
74, 40.736, 302.430

Protanopia

74, 39.193, 285.378

Deuteranopia

74, 34.792, 286.206



Tritanopia
74, 7.586, 290.907

Trichromacy



Original Color
74, 40.736, 302.430

Protanomaly
74, 39.557, 291.594

Deuteranomaly
74, 36.861, 292.611

Tritanomaly
74, 19.736, 299.067

Monochromacy



Original Color
74, 40.736, 302.430

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 14.868, 301.113

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 40.736, 302.430 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(190, 171, 245)` looks like.

```
.text, #text, p{  
    color:rgb(190, 171, 245)  
}
```

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(190, 171, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 171, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 40.736, 302.430 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(190, 171, 245) }
```

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

```
.border{ border-color:rgb(190, 171, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 171, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 171, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 171, 245);  
box-shadow:4px 4px 4px 4px rgb(190, 171,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 40.736, 302.430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 171, 245) }
```

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

```
.background{ background-color: rgb(190,  
171, 245) }
```

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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