

Converting Colors

CIELCh(74, 36.546, 297.572)

Have a look what the booklet for
CIELCh(74, 36.546, 297.572)
contains.

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Color

CIELCh(74, 36.509, 297.559)

Conversions

Conversions Part 1

Format	Color
Hex	B6AEF1
RGB	182, 174, 241
RGB Percent	71%, 68%, 95%
CMY	0.2853, 0.3167, 0.0539
CMYK	0.24, 0.28, 0.00, 0.05
HSL	247°, 71%, 81%
HSV	247°, 28%, 95%
XYZ	50.4454, 46.7039, 89.7727
YIQ	184.0300, -16.7390, 22.5330

Conversions

Conversions Part 2

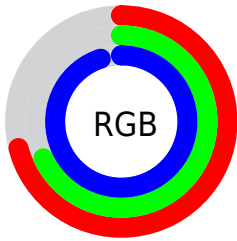
Format	Color
RYB	182, 174, 241
Decimal	11972337
CIELab	74.00, 16.89, -32.37
CIELCh	74, 36.509, 297.559
Yxy	46.7039, 0.2699, 0.2499
Android (android.graphics.Color)	4290162417 (0xFFB6AEF1)
YUV	184.0300, 28.0862, -1.7803
Hunter-Lab	68.3403, 12.1644, -30.0459

Details

The CIELCh color $74, 36.509, 297.559$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $93, 34.194, 112.662$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 13.940, 305.469$, and $54, 36.468, 297.485$ is the 20% darker color. If you saturate the color by 10%, you get $66, 50.670, 298.828$, and if you desaturate by 10%, it is $82, 22.895, 296.458$.

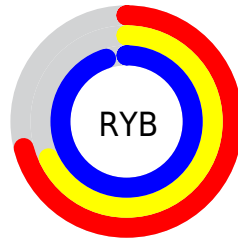
Distribution



Red (71%)

Green (68%)

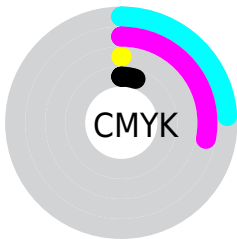
Blue (95%)



Red (71%)

Yellow (68%)

Blue (95%)

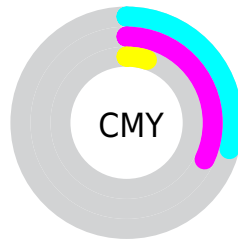


Cyan (24%)

Magenta (28%)

Yellow (0%)

Black (5%)



Cyan (29%)


Magenta (32%)


Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 36.509, 297.559 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, 36.509, 297.559 by changing the saturation by 10% instead.


 74, 36.509,
297.559


 74, 36.509,
297.559


 100, 36.509,
297.559


 64, 36.509,
297.559


 94, 36.509,
297.559

 54, 36.509,
297.559

 44, 36.509,
297.559

 34, 36.509,
297.559

 24, 36.509,
297.559

 14, 36.509,
297.559

 4, 36.509, 297.559

■ 0, 36.509, 297.559

■ 74, 36.509,
297.559

■ 74, 36.509,
297.559

■ 66, 50.670,
298.828

■ 82, 22.895,
296.458

■ 59, 65.340,
300.265

■ 89, 9.822, 295.512

■ 52, 80.344,
301.838

■ 97, 2.738, 114.692

■ 45, 95.223,
303.459

■ 100, 6.958,
109.646

■ 39, 108.997,
304.955

■ 34, 120.004,
306.064

■ 31, 126.522,
306.555

■ 31, 127.590,
306.638

Harmonies

Complementary

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



74, 36.509, 297.559



93, 34.194, 112.662

Rectangle

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



74, 36.509, 297.559



74, 36.509, 347.559



74, 36.509, 117.559



74, 36.509, 167.559

Sweetspot

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



74, 36.507, 297.559



94, 10.573, 295.534



89, 19.529, 210.329



49, 7.535, 295.668



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, 36.507, 297.559



74, 45.860, 298.213



77, 38.760, 314.256



46, 7.161, 295.662



22, 103.840, 306.713



3, 38.126, 301.531

Inverse Universe

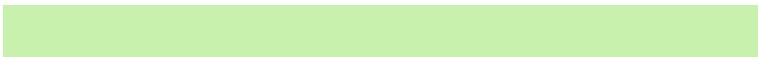
The Inverse Universe completely reimagines the original color for something new.



79, 39.134, 329.523



80, 48.510, 329.848



91, 37.680, 131.766



47, 7.930, 328.403



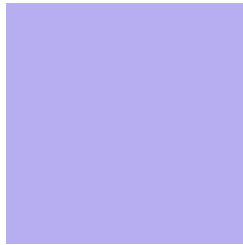
42, 82.228, 333.639



10, 36.364, 332.801

Previews

White Background



This preview shows how the CIELCh color 74, 36.509, 297.559 looks on a white background.

Color Contrast Check

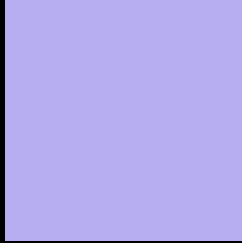
Large Text (above 18pt) WCAG AA × Fail

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, 36.509, 297.559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

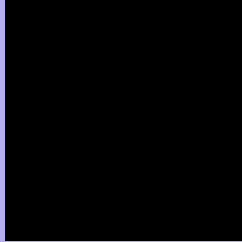
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 36.509, 297.559

Background



This preview shows how black text looks on a background with the CIELCh color 74, 36.509, 297.559.



This preview shows how white text looks on a background with the CIELCh color 74, 36.509, 297.559.

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

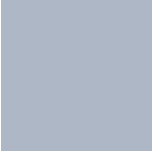
74, 36.509, 297.559

Protanopia

74, 35.386, 284.912

Deuteranopia

74, 33.112, 287.235



Tritanopia
74, 8.161, 267.816

Trichromacy



Original Color
74, 36.509, 297.559

Protanomaly
74, 35.762, 289.474

Deuteranomaly
74, 34.144, 291.217

Tritanomaly
74, 17.890, 288.568

Monochromacy



Original Color
74, 36.509, 297.559

Achromatopsia
75, 0.009, 296.813

Achromatomaly
74, 13.606, 295.920

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 36.509, 297.559 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(182, 174, 241)` looks like.

```
.text, #text, p{  
    color:rgb(182, 174, 241)  
}
```

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(182, 174, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 174, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 36.509, 297.559 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(182, 174, 241) }
```

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

```
.border{ border-color:rgb(182, 174, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 174, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 174, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 174, 241);  
box-shadow:4px 4px 4px 4px rgb(182, 174,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 36.509, 297.559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 174, 241) }
```

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

```
.background{ background-color: rgb(182,  
174, 241) }
```

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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