

Converting Colors

CIELCh(76, 40.013, 302.471)

Have a look what the booklet for
CIELCh(76, 40.013, 302.471)
contains.

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Color

CIELCh(76, 39.974, 302.461)

Conversions

Conversions Part 1

Format	Color
Hex	C4B1FA
RGB	196, 177, 250
RGB Percent	77%, 69%, 98%
CMY	0.2327, 0.3071, 0.0210
CMYK	0.22, 0.29, 0.00, 0.02
HSL	256°, 87%, 84%
HSV	256°, 29%, 98%
XYZ	55.5365, 49.8872, 96.8590
YIQ	191.0030, -12.1090, 26.7310

Conversions

Conversions Part 2

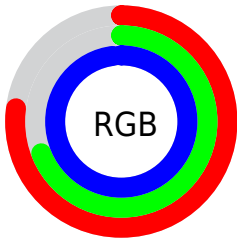
Format	Color
R _Y B	196, 177, 250
Decimal	12890618
CIE Lab	76.00, 21.46, -33.73
CIE LCh	76, 39.974, 302.461
Yxy	49.8872, 0.2745, 0.2466
Android (android.graphics.Color)	4291080698 (0xFFC4B1FA)
YUV	191.0030, 29.0855, 4.3824
Hunter-Lab	70.6309, 16.7490, -31.8652

Details

The CIELCh color $76, 39.974, 302.461$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $95, 37.568, 118.472$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 13.358, 322.375$, and $56, 40.052, 302.561$ is the 20% darker color. If you saturate the color by 10%, you get $68, 54.590, 303.397$, and if you desaturate by 10%, it is $84, 25.821, 301.624$.

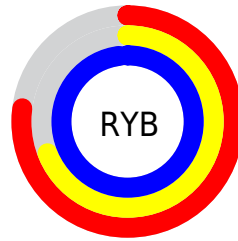
Distribution



Red (77%)

Green (69%)

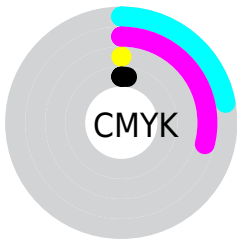
Blue (98%)



Red (77%)

Yellow (69%)

Blue (98%)

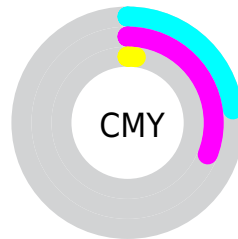


Cyan (22%)

Magenta (29%)

Yellow (0%)

Black (2%)



Cyan (23%)


Magenta (31%)


Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 39.974, 302.461 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 76, 39.974, 302.461 by changing the saturation by 10% instead.


 76, 39.974,
302.461


 76, 39.974,
302.461


 100, 39.974,
302.461


 66, 39.974,
302.461


 96, 39.974,
302.461

 56, 39.974,
302.461

 46, 39.974,
302.461

 36, 39.974,
302.461

 26, 39.974,
302.461

 16, 39.974,
302.461

 6, 39.974, 302.461

■ 0, 39.974, 302.461

■ 76, 39.974,
302.461

■ 76, 39.974,
302.461

■ 68, 54.590,
303.397

■ 84, 25.821,
301.624

■ 61, 69.563,
304.417

■ 91, 12.170,
300.887

■ 54, 84.620,
305.480

■ 99, 0.984, 120.291

■ 47, 99.203,
306.499

■ 100, 2.700,
109.948

■ 42, 112.304,
307.330

■ 37, 122.445,
307.773

■ 34, 128.498,
307.704

■ 34, 128.886,
307.697

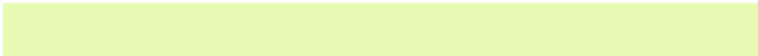
Harmonies

Complementary

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



76, 39.974, 302.461



95, 37.568, 118.472

Rectangle

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



76, 39.974, 302.461



76, 39.974, 352.461



76, 39.974, 122.461



76, 39.974, 172.461

Sweetspot

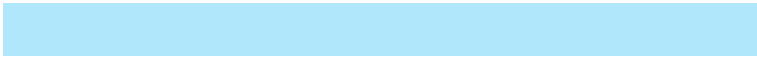
The Sweet Spot groups the original color and five complimentary colors.



76, 39.972, 302.461



93, 12.067, 300.872



89, 19.634, 227.575



49, 8.407, 300.973



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



76, 39.972, 302.461



73, 49.195, 302.993



79, 43.151, 318.568



48, 7.504, 300.906



25, 104.242, 307.834



4, 42.725, 306.281

Inverse Universe

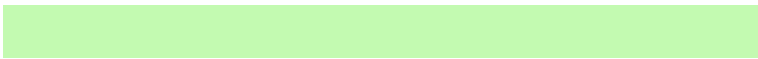
The Inverse Universe completely reimagines the original color for something new.



80, 38.408, 334.753



79, 46.664, 335.199



93, 42.398, 135.825



49, 7.428, 333.323



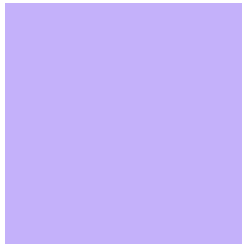
42, 75.560, 342.077



10, 34.987, 339.894

Previews

White Background



This preview shows how the CIELCh color 76, 39.974, 302.461 looks on a white background.

Color Contrast Check

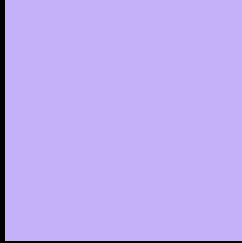
Large Text (above 18pt) WCAG AA × Fail

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 76, 39.974, 302.461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

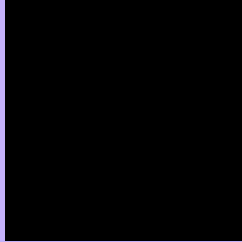
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 39.974, 302.461

Background



This preview shows how black text looks on a background with the CIELCh color 76, 39.974, 302.461.




This preview shows how white text looks on a background with the CIELCh color 76, 39.974, 302.461.

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
76, 8.099, 293.474

Trichromacy



Original Color
76, 39.974, 302.461

Protanomaly
76, 38.256, 291.314

Deuteranomaly
76, 36.681, 293.500

Tritanomaly
76, 19.617, 299.029

Monochromacy



Original Color
76, 39.974, 302.461

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 14.250, 301.422

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 39.974, 302.461 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(196, 177, 250)` looks like.

```
.text, #text, p{  
    color:rgb(196, 177, 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(196, 177, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 177, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 39.974, 302.461 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(196, 177, 250) }
```

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

```
.border{ border-color:rgb(196, 177, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 177, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 177, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 177, 250);  
box-shadow:4px 4px 4px 4px rgb(196, 177,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 39.974, 302.461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 177, 250) }
```

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

```
.background{ background-color: rgb(196,  
177, 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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