

Converting Colors

CIELCh(79, 71.209, 297.490)

Have a look what the booklet for
CIELCh(79, 71.209, 297.490)
contains.

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Color

CIELCh(76, 40.535, 296.896)

Conversions

Conversions Part 1

Format	Color
Hex	BAB3FE
RGB	186, 179, 254
RGB Percent	73%, 70%, 100%
CMY	0.2703, 0.2976, 0.0038
CMYK	0.27, 0.29, 0.00, 0.00
HSL	246°, 97%, 85%
HSV	246°, 29%, 100%
XYZ	54.3029, 49.8872, 100.5641
YIQ	189.6430, -19.9030, 24.8090

Conversions

Conversions Part 2

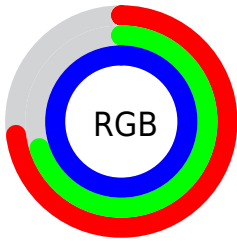
Format	Color
R_{YB}	186, 179, 254
Decimal	12235774
CIE _{Lab}	76.00, 18.34, -36.15
CIE _{LCh}	76, 40.535, 296.896
Yxy	49.8872, 0.2652, 0.2436
Android (android.graphics.Color)	4290425854 (0xFFBAB3FE)
YUV	189.6430, 31.7280, -3.1949
Hunter-Lab	70.6309, 13.6314, -34.9753

Details

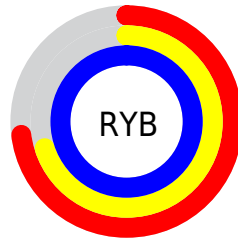
The CIELCh color $76, 40.535, 296.896$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $98, 37.748, 111.374$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 10.711, 305.889$, and $56, 40.774, 296.998$ is the 20% darker color. If you saturate the color by 10%, you get $68, 55.412, 298.280$, and if you desaturate by 10%, it is $84, 26.243, 295.698$.

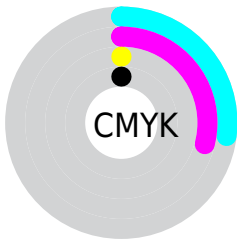
Distribution



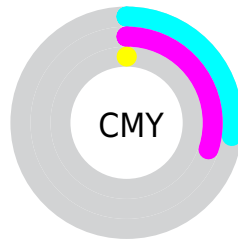
- Red (73%)
- Green (70%)
- Blue (100%)



- Red (73%)
- Yellow (70%)
- Blue (100%)



- Cyan (27%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)





- Cyan (27%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 40.535, 296.896 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, 40.535, 296.896 by changing the saturation by 10% instead.


 76, 40.535,
296.896


 76, 40.535,
296.896


 100, 40.535,
296.896


 66, 40.535,
296.896


 96, 40.535,
296.896

 56, 40.535,
296.896

 46, 40.535,
296.896

 36, 40.535,
296.896

 26, 40.535,
296.896

 16, 40.535,
296.896

 6, 40.535, 296.896

■ 0, 40.535, 296.896

■ 76, 40.535,
296.896

■ 76, 40.535,
296.896

■ 68, 55.412,
298.280

■ 84, 26.243,
295.698

■ 60, 70.824,
299.847

■ 92, 12.529,
294.672

■ 53, 86.559,
301.559

100, 0.476,
109.980

■ 46, 102.055,
303.307

■ 40, 116.120,
304.886

■ 35, 126.838,
306.006

■ 33,132.704,
306.493

■ 33,132.936,
306.516

Harmonies

Complementary

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



76, 40.535, 296.896



98, 37.748, 111.374

Rectangle

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



76, 40.535, 296.896



76, 40.535, 346.896



76, 40.535, 116.896



76, 40.535, 166.896

Sweetspot

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



76, 40.533, 296.896



93, 11.900, 294.626



93, 22.084, 206.520



48, 8.292, 294.764



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, 40.533, 296.896



72, 48.800, 297.635



79, 42.721, 313.256



49, 7.524, 294.673



23, 107.275, 306.577



4, 44.344, 303.586

Inverse Universe

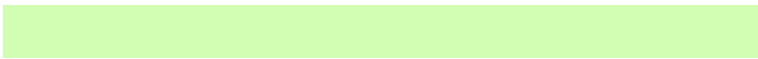
The Inverse Universe completely reimagines the original color for something new.



82, 44.098, 328.783



79, 52.307, 329.108



95, 41.316, 130.570



50, 8.498, 327.589



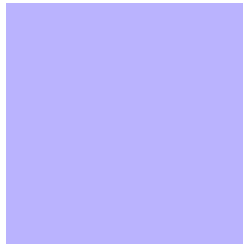
44, 86.518, 332.329



12, 40.154, 331.792

Previews

White Background



This preview shows how the CIELCh color 76, 40.535, 296.896 looks on a white background.

Color Contrast Check

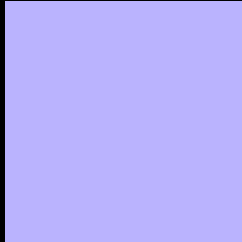
Large Text (above 18pt) WCAG AA × Fail

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, 40.535, 296.896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

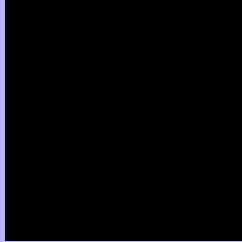
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 40.535, 296.896

Background



This preview shows how black text looks on a background with the CIELCh color 76, 40.535, 296.896.

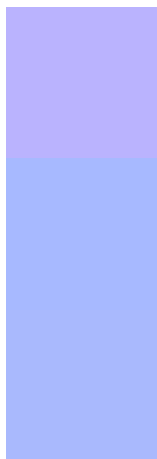


This preview shows how white text looks on a background with the CIELCh color 76, 40.535, 296.896.

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

76, 40.574, 296.911

Protanopia

76, 37.883, 285.284

Deuteranopia

76, 36.764, 285.822



Tritanopia
76, 9.180, 261.105

Trichromacy



Original Color
76, 40.574, 296.911

Protanomaly
76, 38.796, 289.593

Deuteranomaly
76, 37.717, 289.825

Tritanomaly
76, 19.979, 287.171

Monochromacy



Original Color
76, 40.574, 296.911

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 14.597, 295.639

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 40.535, 296.896 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(186, 179, 254)` looks like.

```
.text, #text, p{  
    color:rgb(186, 179, 254)  
}
```

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(186, 179, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 179, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 40.535, 296.896 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(186, 179, 254) }
```

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

```
.border{ border-color:rgb(186, 179, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 179, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 179, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 179, 254);  
box-shadow:4px 4px 4px 4px rgb(186, 179,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 40.535, 296.896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 179, 254) }
```

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

```
.background{ background-color: rgb(186,  
179, 254) }
```

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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