

Converting Colors

CIELCh(76, 38.664, 290.294)

Have a look what the booklet for
CIELCh(76, 38.664, 290.294)
contains.

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Color

CIELCh(76, 38.808, 290.501)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | AFB6FE |
| RGB | 175, 182, 254 |
| RGB Percent | 69%, 71%, 100% |
| CMY | 0.3126, 0.2852, 0.0028 |
| CMYK | 0.31, 0.28, 0.00, 0.00 |
| HSL | 235°, 98%, 84% |
| HSV | 235°, 31%, 100% |
| XYZ | 52.4608, 49.8872, 100.8739 |
| YIQ | 188.1150, -27.2840, 20.9080 |

Conversions

Conversions Part 2

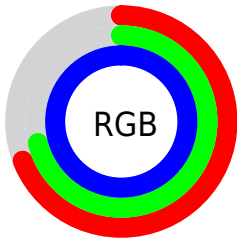
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 175, 181, 254 |
| Decimal | 11515646 |
| CIE Lab | 76.00, 13.59, -36.35 |
| CIE LCh | 76, 38.808, 290.501 |
| Yxy | 49.8872, 0.2581, 0.2455 |
| Android (android.graphics.Color) | 4289705726 (0xFFAFB6FE) |
| YUV | 188.1150, 32.4813, -11.5019 |
| Hunter-Lab | 70.6309, 8.9760, -35.2354 |

Details

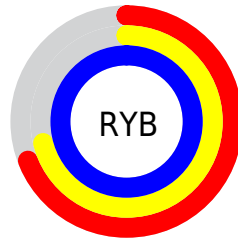
The CIELCh color **76, 38.808, 290.501** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **96, 36.468, 103.054**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 8.953, 277.656**, and **56, 38.957, 290.561** is the 20% darker color. If you saturate the color by 10%, you get **68, 52.333, 292.333**, and if you desaturate by 10%, it is **84, 25.813, 288.936**.

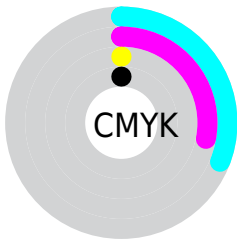
Distribution



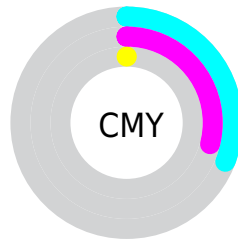
- Red (69%)
- Green (71%)
- Blue (100%)



- Red (69%)
- Yellow (71%)
- Blue (100%)



- Cyan (31%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)





- Cyan (31%)
- Magenta (29%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 38.808, 290.501 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, 38.808, 290.501 by changing the saturation by 10% instead.


 76, 38.808,
290.501


 76, 38.808,
290.501


 100, 38.808,
290.501


 66, 38.808,
290.501


 96, 38.808,
290.501

 56, 38.808,
290.501

 46, 38.808,
290.501

 36, 38.808,
290.501

 26, 38.808,
290.501

 16, 38.808,
290.501

 6, 38.808, 290.501

■ 0, 38.808, 290.501

■ 76, 38.808,
290.501

■ 76, 38.808,
290.501

■ 68, 52.333,
292.333

■ 84, 25.813,
288.936

■ 61, 66.409,
294.449

■ 91, 13.316,
287.608

■ 54, 80.963,
296.827

■ 99, 1.275, 286.560

■ 47, 95.701,
299.374

■ 100, 0.348,
109.930

■ 41, 109.846,
301.887

■ 36, 121.916,
304.059

■ 33,129.434,
305.425

Harmonies

Complementary

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



76, 38.808, 290.501



96, 36.468, 103.054

Rectangle

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



76, 38.808, 290.501



76, 38.808, 340.501



76, 38.808, 110.501



76, 38.808, 160.501

Sweetspot

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



76, 38.807, 290.501



93, 10.811, 287.360



95, 25.953, 188.724



49, 7.531, 287.533



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, 38.807, 290.501



72, 46.867, 291.554



77, 43.891, 307.290



49, 6.835, 287.419



24, 103.593, 305.189



4, 41.314, 300.186

Inverse Universe

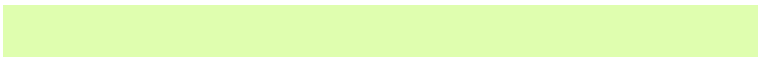
The Inverse Universe completely reimagines the original color for something new.



79, 30.879, 15.320



76, 37.482, 16.241



96, 41.572, 123.910



50, 5.280, 12.800



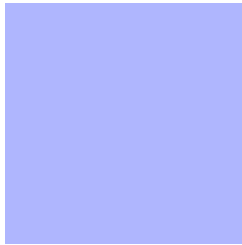
40, 80.514, 36.517



10, 32.681, 23.591

Previews

White Background



This preview shows how the CIELCh color 76, 38.808, 290.501 looks on a white background.

Color Contrast Check

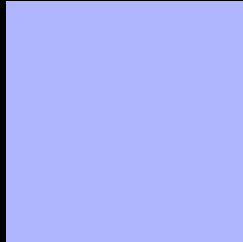
Large Text (above 18pt) WCAG AA × Fail

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, 38.808, 290.501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

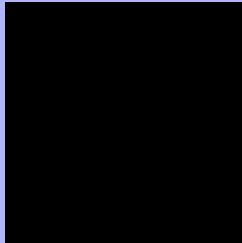
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 38.808, 290.501

Background



This preview shows how black text looks on a background with the CIELCh color 76, 38.808, 290.501.



This preview shows how white text looks on a background with the CIELCh color 76, 38.808, 290.501.

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, 38.808, 290.501

Protanopia

76, 37.883, 285.284

Deuteranopia

76, 37.323, 285.546



Tritanopia
76, 12.212, 244.012

Trichromacy



Original Color
76, 38.808, 290.501

Protanomaly
76, 38.329, 287.233

Deuteranomaly
76, 37.775, 287.529

Tritanomaly
76, 20.190, 273.812

Monochromacy



Original Color
76, 38.808, 290.501

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 14.028, 287.215

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 38.808, 290.501 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(175, 182, 254)` looks like.

```
.text, #text, p{  
    color:rgb(175, 182, 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(175, 182, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 182, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 38.808, 290.501 is called "border". The border property can be set on classes, ids or directly on the HTML element.

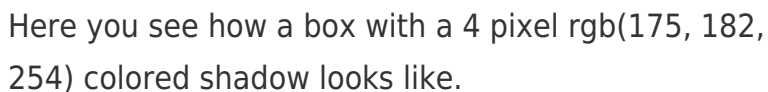
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 182, 254) }
```

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

```
.border{ border-color:rgb(175, 182, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 182, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 182, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 182, 254); box-shadow:4px 4px 4px 4px rgb(175, 182, 254) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 38.808, 290.501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 182, 254) }
```

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

```
.background{ background-color: rgb(175,  
182, 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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