

Converting Colors

CIELCh(76, 38.362, 289.706)

Have a look what the booklet for
CIELCh(76, 38.362, 289.706)
contains.

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Color

CIELCh(76, 38.264, 289.480)

Conversions

Conversions Part 1

Format	Color
Hex	AEB7FE
RGB	174, 183, 254
RGB Percent	68%, 72%, 100%
CMY	0.3185, 0.2832, 0.0049
CMYK	0.32, 0.28, 0.00, 0.00
HSL	233°, 97%, 84%
HSV	233°, 32%, 100%
XYZ	52.1425, 49.8872, 100.4455
YIQ	188.4030, -28.1550, 20.1730

Conversions

Conversions Part 2

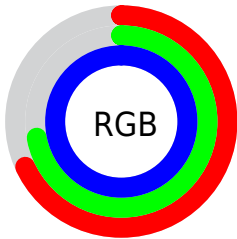
Format	Color
RYB	174, 182, 254
Decimal	11450366
CIELab	76.00, 12.76, -36.07
CIELCh	76, 38.264, 289.480
Yxy	49.8872, 0.2575, 0.2464
Android (android.graphics.Color)	4289640446 (0xFFAEB7FE)
YUV	188.4030, 32.3393, -12.6314
Hunter-Lab	70.6309, 8.1715, -34.8757

Details

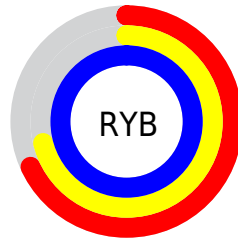
The CIELCh color **76, 38.264, 289.480** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **96, 36.091, 101.757**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 8.623, 272.400**, and **56, 38.379, 289.511** is the 20% darker color. If you saturate the color by 10%, you get **69, 51.388, 291.354**, and if you desaturate by 10%, it is **83, 25.642, 287.878**.

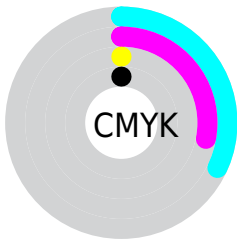
Distribution



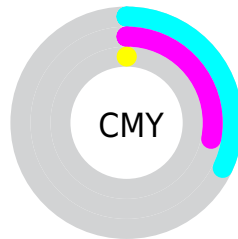
- Red (68%)
- Green (72%)
- Blue (100%)



- Red (68%)
- Yellow (71%)
- Blue (100%)



- Cyan (32%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)





- Cyan (32%)
- Magenta (28%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 38.264, 289.480 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, 38.264, 289.480 by changing the saturation by 10% instead.


 76, 38.264,
289.480

 76, 38.264,
289.480


 100, 38.264,
289.480


 66, 38.264,
289.480


 96, 38.264,
289.480

 56, 38.264,
289.480

 46, 38.264,
289.480

 36, 38.264,
289.480

 26, 38.264,
289.480

 16, 38.264,
289.480

 6, 38.264, 289.480

■ 0, 38.264, 289.480

■ 76, 38.264,
289.480

■ 76, 38.264,
289.480

■ 69, 51.388,
291.354

■ 83, 25.642,
287.878

■ 61, 65.038,
293.519

■ 91, 13.487,
286.519

■ 54, 79.167,
295.959

■ 98, 1.760, 285.423

■ 47, 93.535,
298.588

■ 100, 0.617,
110.006

■ 41, 107.487,
301.217

■ 37, 119.721,
303.553

■ 34, 127.467,
305.040

Harmonies

Complementary

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



76, 38.264, 289.480



96, 36.091, 101.757

Rectangle

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



76, 38.264, 289.480



76, 38.264, 339.480



76, 38.264, 109.480



76, 38.264, 159.480

Sweetspot

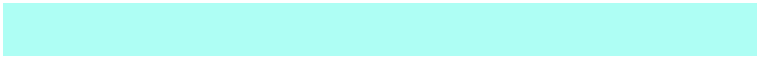
The Sweet Spot groups the original color and five complimentary colors.



76, 38.263, 289.480



93, 10.533, 286.211



94, 26.446, 187.226



49, 7.337, 286.387



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, 38.263, 289.480



71, 46.892, 290.663



76, 44.392, 306.766



49, 6.659, 286.272



25, 102.036, 304.760



5, 40.546, 299.700

Inverse Universe

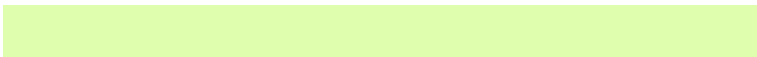
The Inverse Universe completely reimagines the original color for something new.



79, 31.316, 13.532



75, 38.547, 14.574



96, 41.941, 123.247



50, 5.301, 10.878



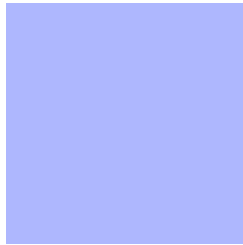
40, 79.367, 35.293



10, 32.516, 22.591

Previews

White Background



This preview shows how the CIELCh color 76, 38.264, 289.480 looks on a white background.

Color Contrast Check

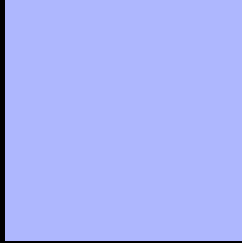
Large Text (above 18pt) WCAG AA × Fail

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, 38.264, 289.480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

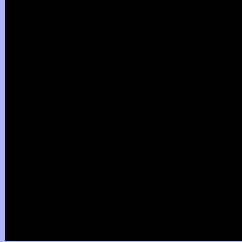
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 38.264, 289.480

Background



This preview shows how black text looks on a background with the CIELCh color 76, 38.264, 289.480.



This preview shows how white text looks on a background with the CIELCh color 76, 38.264, 289.480.

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, 38.264, 289.480

Protanopia

76, 37.883, 285.284

Deuteranopia

76, 36.796, 285.364



Tritanopia
76, 12.347, 239.890

Trichromacy



Original Color
76, 38.264, 289.480

Protanomaly
76, 38.356, 286.794

Deuteranomaly
76, 37.270, 286.925

Tritanomaly
76, 19.862, 271.444

Monochromacy



Original Color
76, 38.264, 289.480

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, 38.264, 289.480 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(174, 183, 254)` looks like.

```
.text, #text, p{  
    color:rgb(174, 183, 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(174, 183, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 183, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 38.264, 289.480 is called "border". The border property can be set on classes, ids or directly on the HTML element.

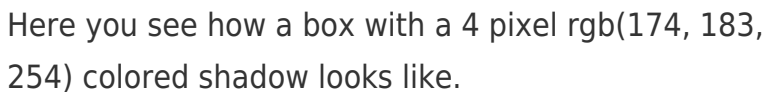
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(174, 183, 254) }
```

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

```
.border{ border-color:rgb(174, 183, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(174, 183, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(174, 183, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(174, 183, 254); box-shadow:4px 4px 4px 4px rgb(174, 183, 254) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 38.264, 289.480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 183, 254) }
```

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

```
.background{ background-color: rgb(174,  
183, 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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