

Converting Colors

CIELCh(76, 43.171, 288.417)

Have a look what the booklet for
CIELCh(76, 43.171, 288.417)
contains.

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Color

CIELCh(76, 38.896, 287.405)

Conversions

Conversions Part 1

Format	Color
Hex	AAB8FF
RGB	170, 184, 255
RGB Percent	67%, 72%, 100%
CMY	0.3348, 0.2799, 0.0000
CMYK	0.33, 0.28, 0.00, 0.00
HSL	230°, 100%, 83%
HSV	230°, 33%, 100%
XYZ	51.7135, 49.8872, 102.0660
YIQ	187.9080, -31.1350, 19.1130

Conversions

Conversions Part 2

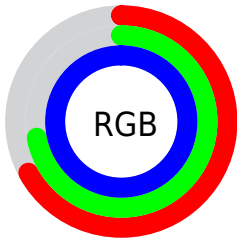
Format	Color
RYB	170, 182, 255
Decimal	11188479
CIELab	76.00, 11.63, -37.12
CIELCh	76, 38.896, 287.405
Yxy	49.8872, 0.2539, 0.2449
Android (android.graphics.Color)	4289378559 (0xFFAAB8FF)
YUV	187.9080, 33.0764, -15.7053
Hunter-Lab	70.6309, 7.0875, -36.2360

Details

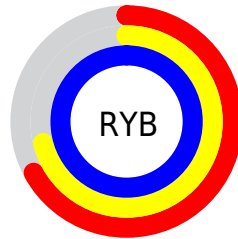
The CIELCh color **76, 38.896, 287.405** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **95, 36.642, 98.659**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 8.807, 260.724**, and **56, 38.449, 287.318** is the 20% darker color. If you saturate the color by 10%, you get **69, 50.962, 289.306**, and if you desaturate by 10%, it is **83, 26.576, 285.597**.

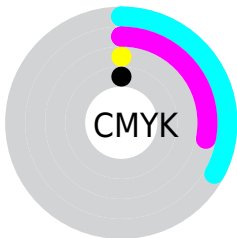
Distribution



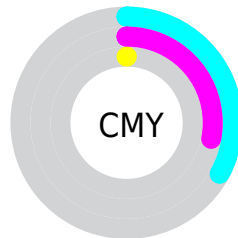
- Red (67%)
- Green (72%)
- Blue (100%)



- Red (67%)
- Yellow (71%)
- Blue (100%)



- Cyan (33%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)





- Cyan (33%)
- Magenta (28%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 38.896, 287.405 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, 38.896, 287.405 by changing the saturation by 10% instead.


 76, 38.896,
287.405


 76, 38.896,
287.405


 100, 38.896,
287.405


 66, 38.896,
287.405


 96, 38.896,
287.405

 56, 38.896,
287.405

 46, 38.896,
287.405

 36, 38.896,
287.405

 26, 38.896,
287.405

 16, 38.896,
287.405

 6, 38.896, 287.405

■ 0, 38.896, 287.405

■ 76, 38.896,
287.405

■ 76, 38.896,
287.405

■ 69, 50.962,
289.306

■ 83, 26.576,
285.597

■ 62, 63.850,
291.615

■ 90, 15.011,
284.141

■ 55, 77.194,
294.220

■ 98, 3.820, 282.927

■ 49, 90.831,
297.042

100, 0.012,
296.813

■ 43, 104.275,
299.905

■ 38, 116.509,
302.537

■ 36,123.167,
303.951

Harmonies

Complementary

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



76, 38.896, 287.405



95, 36.642, 98.659

Rectangle

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



76, 38.896, 287.405



76, 38.896, 337.405



76, 38.896, 107.405



76, 38.896, 157.405

Sweetspot

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



76, 38.547, 287.307



93, 11.079, 283.689



94, 28.771, 182.787



49, 7.575, 283.868



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, 38.547, 287.307



71, 46.593, 288.577



75, 47.223, 305.255



49, 6.294, 283.627



26, 97.937, 303.576



5, 38.913, 298.574

Inverse Universe

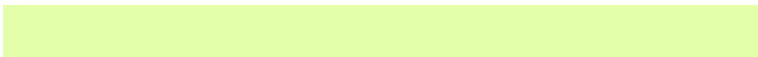
The Inverse Universe completely reimagines the original color for something new.



78, 33.669, 9.917



74, 40.769, 11.030



96, 44.210, 121.180



50, 5.367, 6.859



40, 76.771, 32.174



10, 32.199, 20.431

Previews

White Background



This preview shows how the CIELCh color 76, 38.896, 287.405 looks on a white background.

Color Contrast Check

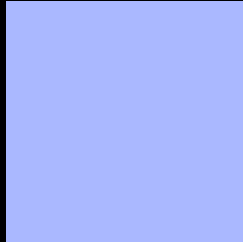
Large Text (above 18pt) WCAG AA × Fail

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, 38.896, 287.405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

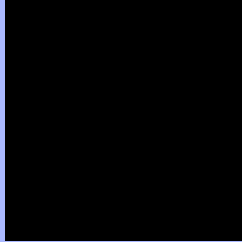
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 38.896, 287.405

Background



This preview shows how black text looks on a background with the CIELCh color 76, 38.896, 287.405.



This preview shows how white text looks on a background with the CIELCh color 76, 38.896, 287.405.

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

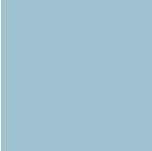
76, 38.329, 287.233

Protanopia

76, 37.917, 284.847

Deuteranopia

76, 38.414, 285.922



Tritanopia
76, 13.855, 234.541

Trichromacy



Original Color
76, 38.329, 287.233

Protanomaly
76, 38.414, 285.922

Deuteranomaly
76, 38.384, 286.357

Tritanomaly
76, 20.516, 266.394

Monochromacy



Original Color
76, 38.329, 287.233

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 14.082, 284.410

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 38.896, 287.405 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(170, 184, 255)` looks like.

```
.text, #text, p{  
    color:rgb(170, 184, 255)  
}
```

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(170, 184, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 184, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 38.896, 287.405 is called "border". The border property can be set on classes, ids or directly on the HTML element.

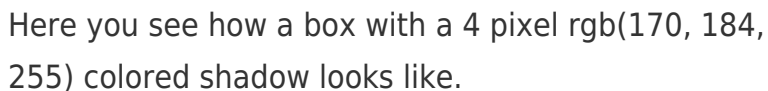
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(170, 184, 255) }
```

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

```
.border{ border-color:rgb(170, 184, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(170, 184, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 184, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 184, 255); box-shadow:4px 4px 4px 4px rgb(170, 184, 255) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 38.896, 287.405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 184, 255) }
```

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

```
.background{ background-color: rgb(170,  
184, 255) }
```

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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