

Converting Colors

CIELCh(76, 38.253, 286.346)

Have a look what the booklet for
CIELCh(76, 38.253, 286.346)
contains.

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Color

CIELCh(76, 38.384, 286.357)

Conversions

Conversions Part 1

Format	Color
Hex	A8B8FF
RGB	168, 184, 255
RGB Percent	66%, 72%, 100%
CMY	0.3407, 0.2780, 0.0000
CMYK	0.34, 0.28, 0.00, 0.00
HSL	229°, 100%, 83%
HSV	229°, 34%, 100%
XYZ	51.4006, 49.8872, 101.6213
YIQ	187.3100, -32.3270, 18.6890

Conversions

Conversions Part 2

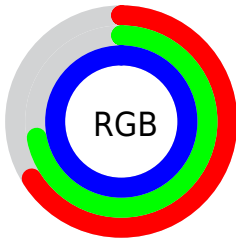
Format	Color
RYB	168, 182, 255
Decimal	11057407
CIELab	76.00, 10.81, -36.83
CIElCh	76, 38.384, 286.357
Yxy	49.8872, 0.2533, 0.2459
Android (android.graphics.Color)	4289247487 (0xFFA8B8FF)
YUV	187.3100, 33.3712, -16.9349
Hunter-Lab	70.6309, 6.2967, -35.8627

Details

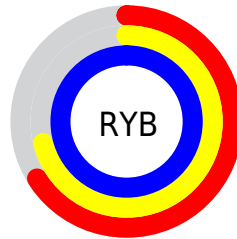
The CIELCh color **76, 38.384, 286.357** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **94, 36.591, 97.357**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 9.145, 257.045**, and **56, 38.508, 286.476** is the 20% darker color. If you saturate the color by 10%, you get **69, 50.425, 288.384**, and if you desaturate by 10%, it is **83, 26.639, 284.587**.

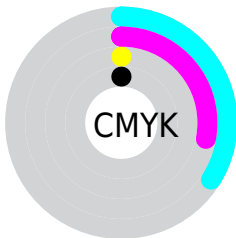
Distribution



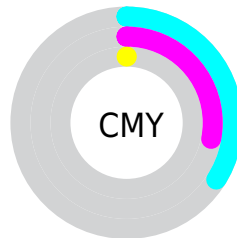
- Red (66%)
- Green (72%)
- Blue (100%)



- Red (66%)
- Yellow (71%)
- Blue (100%)



- Cyan (34%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)





- Cyan (34%)
- Magenta (28%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 38.384, 286.357 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, 38.384, 286.357 by changing the saturation by 10% instead.


 76, 38.384,
286.357


 76, 38.384,
286.357


 100, 38.384,
286.357


 66, 38.384,
286.357


 96, 38.384,
286.357

 56, 38.384,
286.357

 46, 38.384,
286.357

 36, 38.384,
286.357

 26, 38.384,
286.357

 16, 38.384,
286.357

 6, 38.384, 286.357

■ 0, 38.384, 286.357

■ 76, 38.384,
286.357

■ 76, 38.384,
286.357

■ 69, 50.425,
288.384

■ 83, 26.639,
284.587

■ 62, 62.975,
290.747

■ 90, 15.336,
283.096

■ 55, 75.968,
293.415

■ 97, 4.381, 281.847

■ 49, 89.272,
296.313

100, 0.012,
296.813

■ 43, 102.470,
299.273

■ 39, 114.665,
302.028

■ 36,120.901,
303.408

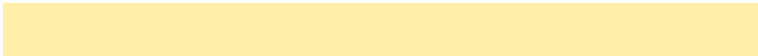
Harmonies

Complementary

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



76, 38.384, 286.357



94, 36.591, 97.357

Rectangle

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



76, 38.384, 286.357



76, 38.384, 336.357



76, 38.384, 106.357



76, 38.384, 156.357

Sweetspot

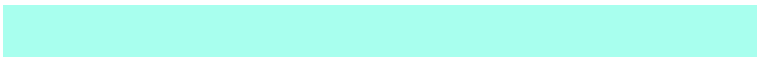
The Sweet Spot groups the original color and five complimentary colors.



76, 38.324, 286.338



93, 10.831, 282.556



94, 29.827, 180.005



49, 7.405, 282.738



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, 38.324, 286.338



71, 46.657, 287.722



74, 47.968, 304.209



49, 6.154, 282.493



27, 96.040, 302.998



6, 38.225, 298.059

Inverse Universe

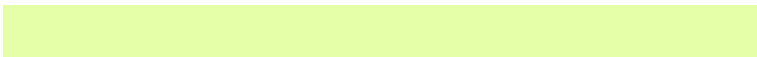
The Inverse Universe completely reimagines the original color for something new.



78, 34.401, 8.469



74, 41.916, 9.672



96, 44.701, 119.805



50, 5.400, 5.294



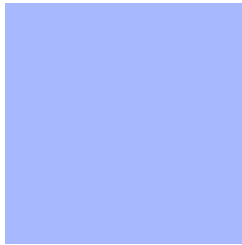
40, 75.738, 30.762



10, 32.078, 19.509

Previews

White Background



This preview shows how the CIELCh color 76, 38.384, 286.357 looks on a white background.

Color Contrast Check

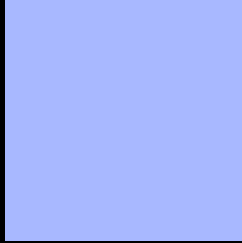
Large Text (above 18pt) WCAG AA × Fail

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, 38.384, 286.357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

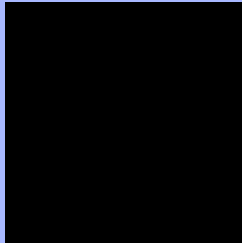
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 38.384, 286.357

Background



This preview shows how black text looks on a background with the CIELCh color 76, 38.384, 286.357.



This preview shows how white text looks on a background with the CIELCh color 76, 38.384, 286.357.

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, 38.384, 286.357

Protanopia

76, 37.917, 284.847

Deuteranopia

76, 37.883, 285.284



Tritanopia
76, 14.114, 233.772

Trichromacy



Original Color
76, 38.384, 286.357

Protanomaly
76, 37.883, 285.284

Deuteranomaly
76, 37.883, 285.284

Tritanomaly
76, 20.641, 265.598

Monochromacy



Original Color
76, 38.384, 286.357

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 14.121, 283.022

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 38.384, 286.357 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(168, 184, 255)` looks like.

```
.text, #text, p{  
    color:rgb(168, 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(168, 184, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 184, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 38.384, 286.357 is called "border". The border property can be set on classes, ids or directly on the HTML element.

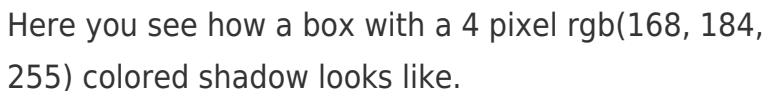
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 184, 255) }
```

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

```
.border{ border-color:rgb(168, 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(168, 184, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 184, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 184, 255); box-shadow:4px 4px 4px 4px rgb(168, 184, 255) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 38.384, 286.357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 184, 255) }
```

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

```
.background{ background-color: rgb(168,  
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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