

Converting Colors

CIELCh(76, 47.449, 300.802)

Have a look what the booklet for
CIELCh(76, 47.449, 300.802)
contains.

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Color

CIELCh(76, 43.701, 301.487)

Conversions

Conversions Part 1

Format	Color
Hex	C2B0FF
RGB	194, 176, 255
RGB Percent	76%, 69%, 100%
CMY	0.2386, 0.3093, 0.0000
CMYK	0.24, 0.31, 0.00, 0.00
HSL	254°, 100%, 85%
HSV	254°, 31%, 100%
XYZ	56.0844, 49.8872, 102.3028
YIQ	190.3880, -14.6310, 28.3850

Conversions

Conversions Part 2

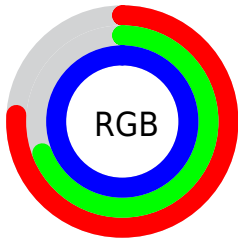
Format	Color
RYB	194, 176, 255
Decimal	12759295
CIELab	76.00, 22.83, -37.27
CIELCh	76, 43.701, 301.487
Yxy	49.8872, 0.2693, 0.2395
Android (android.graphics.Color)	4290949375 (0xFFC2B0FF)
YUV	190.3880, 31.8537, 3.1677
Hunter-Lab	70.6309, 18.1337, -36.4349

Details

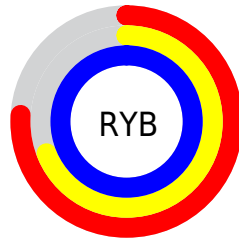
The CIELCh color $76, 43.701, 301.487$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $97, 40.211, 117.061$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 13.806, 321.257$, and $56, 43.410, 301.724$ is the 20% darker color. If you saturate the color by 10%, you get $68, 58.018, 302.597$, and if you desaturate by 10%, it is $84, 28.598, 300.653$.

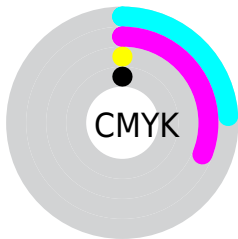
Distribution



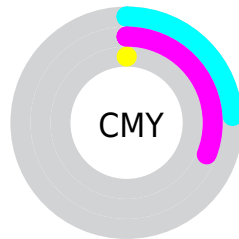
- Red (76%)
- Green (69%)
- Blue (100%)



- Red (76%)
- Yellow (69%)
- Blue (100%)



- Cyan (24%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)




- Cyan (24%)
- Magenta (31%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 43.701, 301.487 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, 43.701, 301.487 by changing the saturation by 10% instead.

 76, 43.701,
301.487

 76, 43.701,
301.487


 100, 43.701,
301.487


 66, 43.701,
301.487


 96, 43.701,
301.487

 56, 43.701,
301.487

 46, 43.701,
301.487

 36, 43.701,
301.487

 26, 43.701,
301.487

 16, 43.701,
301.487

 6, 43.701, 301.487

0, 43.701, 301.487

76, 43.701,
301.487

76, 43.701,
301.487

68, 58.018,
302.597

84, 28.598,
300.653

61, 73.342,
303.722

92, 14.657,
299.851

53, 88.734,
304.894

99, 1.236, 299.136

47, 103.557,
306.017

100, 0.012,
296.813

41, 116.660,
306.922

37, 126.409,
307.392

■ 34, 131.576,
307.376

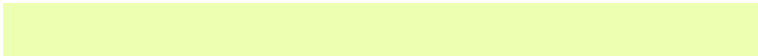
Harmonies

Complementary

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



76, 43.701, 301.487



97, 40.211, 117.061

Rectangle

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



76, 43.701, 301.487



76, 43.701, 351.487



76, 43.701, 121.487



76, 43.701, 171.487

Sweetspot

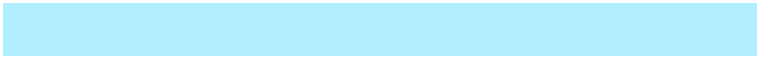
The Sweet Spot groups the original color and five complimentary colors.



76, 43.063, 301.569



93, 12.025, 299.708



91, 21.190, 223.203



49, 8.378, 299.815



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, 43.063, 301.569



71, 52.085, 302.180



79, 46.154, 317.598



49, 7.603, 299.745



25, 105.785, 307.501



4, 44.615, 306.128

Inverse Universe

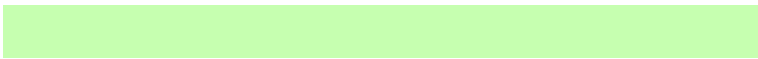
The Inverse Universe completely reimagines the original color for something new.



81, 42.229, 333.633



78, 50.318, 334.079



95, 45.163, 134.736



50, 7.723, 332.136



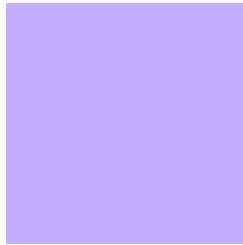
43, 78.019, 339.994



11, 36.622, 338.262

Previews

White Background



This preview shows how the CIELCh color 76, 43.701, 301.487 looks on a white background.

Color Contrast Check

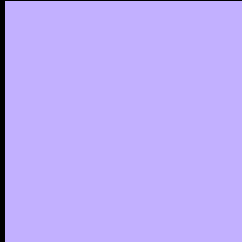
Large Text (above 18pt) WCAG AA × Fail

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, 43.701, 301.487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

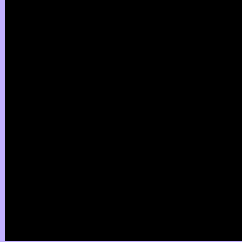
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 43.701, 301.487

Background



This preview shows how black text looks on a background with the CIELCh color 76, 43.701, 301.487.



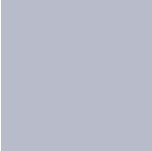
This preview shows how white text looks on a background with the CIELCh color 76, 43.701, 301.487.

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





Tritanopia
76, 7.598, 282.780

Trichromacy



Original Color
76, 43.132, 301.544

Protanomaly
76, 39.331, 291.037

Deuteranomaly
76, 38.784, 291.846

Tritanomaly
76, 20.610, 296.827

Monochromacy



Original Color
76, 43.132, 301.544

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 15.254, 299.475

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 43.701, 301.487 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(194, 176, 255)` looks like.

```
.text, #text, p{  
    color:rgb(194, 176, 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(194, 176, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 176, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 43.701, 301.487 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(194, 176, 255) }
```

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

```
.border{ border-color:rgb(194, 176, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 176, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 176, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 176, 255);  
box-shadow:4px 4px 4px 4px rgb(194, 176,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 43.701, 301.487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 176, 255) }
```

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

```
.background{ background-color: rgb(194,  
176, 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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