

Converting Colors

CIELCh(76, 43.172, 301.965)

Have a look what the booklet for
CIELCh(76, 43.172, 301.965)
contains.

CIELCh(76, 43.172, 301.965)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(76, 43.172, 301.965)

Conversions

Conversions Part 1

Format	Color
Hex	C3B0FF
RGB	195, 176, 255
RGB Percent	76%, 69%, 100%
CMY	0.2352, 0.3097, 0.0000
CMYK	0.24, 0.31, 0.00, 0.00
HSL	254°, 100%, 85%
HSV	254°, 31%, 100%
XYZ	56.0965, 49.8872, 101.3026
YIQ	190.6870, -14.0350, 28.5970

Conversions

Conversions Part 2

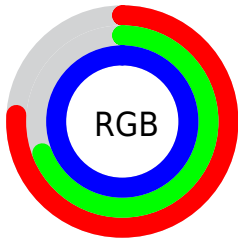
Format	Color
RYB	195, 176, 255
Decimal	12824831
CIELab	76.00, 22.86, -36.63
CIELCh	76, 43.172, 301.965
Yxy	49.8872, 0.2706, 0.2407
Android (android.graphics.Color)	4291014911 (0xFFC3B0FF)
YUV	190.6870, 31.7063, 3.7825
Hunter-Lab	70.6309, 18.1642, -35.5952

Details

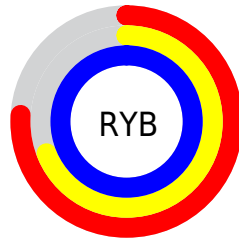
The CIELCh color $76, 43.172, 301.965$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $97, 40.328, 117.551$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 13.986, 322.508$, and $56, 43.442, 302.147$ is the 20% darker color. If you saturate the color by 10%, you get $68, 58.109, 302.967$, and if you desaturate by 10%, it is $84, 28.683, 301.074$.

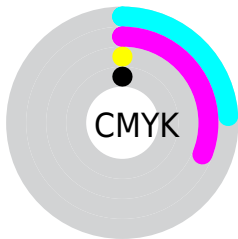
Distribution



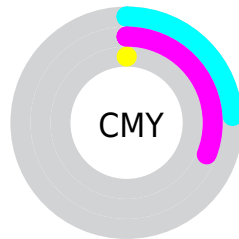
- Red (76%)
- Green (69%)
- Blue (100%)



- 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, 43.172, 301.965 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, 43.172, 301.965 by changing the saturation by 10% instead.


 76, 43.172,
301.965


 76, 43.172,
301.965


 100, 43.172,
301.965


 66, 43.172,
301.965


 96, 43.172,
301.965

 56, 43.172,
301.965

 46, 43.172,
301.965

 36, 43.172,
301.965

 26, 43.172,
301.965

 16, 43.172,
301.965

 6, 43.172, 301.965

■ 0, 43.172, 301.965

■ 76, 43.172,
301.965

■ 76, 43.172,
301.965

■ 68, 58.109,
302.967

■ 84, 28.683,
301.074

■ 61, 73.415,
304.056

■ 92, 14.728,
300.290

■ 54, 88.766,
305.187

■ 99, 1.288, 299.587

■ 47, 103.524,
306.262

■ 100, 0.012,
296.813

■ 41, 116.547,
307.117

■ 37, 126.228,
307.540

■ 34, 131.362,
307.488

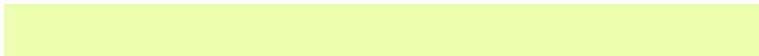
Harmonies

Complementary

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



76, 43.172, 301.965



97, 40.328, 117.551

Rectangle

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



76, 43.172, 301.965



76, 43.172, 351.965



76, 43.172, 121.965



76, 43.172, 171.965

Sweetspot

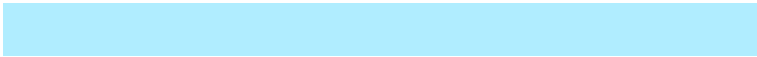
The Sweet Spot groups the original color and five complimentary colors.



76, 43.156, 301.967



93, 12.040, 300.148



90, 21.107, 225.476



49, 8.389, 300.252



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, 43.156, 301.967



71, 52.121, 302.558



79, 46.373, 318.124



49, 7.613, 300.184



25, 105.608, 307.619



4, 44.639, 306.378

Inverse Universe

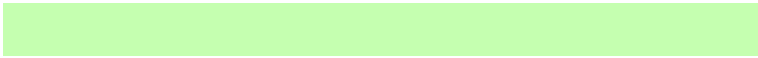
The Inverse Universe completely reimagines the original color for something new.



81, 41.937, 334.100



78, 49.915, 334.553



95, 45.448, 135.231



50, 7.658, 332.577



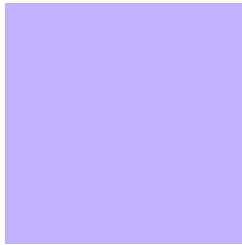
43, 77.360, 340.770



11, 36.342, 338.907

Previews

White Background



This preview shows how the CIELCh color 76, 43.172, 301.965 looks on a white background.

Color Contrast Check

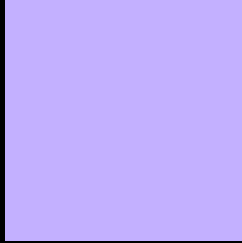
Large Text (above 18pt) WCAG AA × Fail

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, 43.172, 301.965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

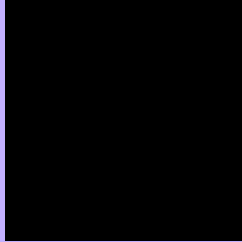
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 43.172, 301.965

Background



This preview shows how black text looks on a background with the CIELCh color 76, 43.172, 301.965.



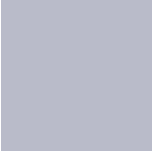
This preview shows how white text looks on a background with the CIELCh color 76, 43.172, 301.965.

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, 7.563, 285.460

Trichromacy



Original Color
76, 43.172, 301.965

Protanomaly
76, 39.323, 291.478

Deuteranomaly
76, 38.784, 291.846

Tritanomaly
76, 20.645, 297.777

Monochromacy



Original Color
76, 43.172, 301.965

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, 43.172, 301.965 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(195, 176, 255)` looks like.

```
.text, #text, p{  
    color:rgb(195, 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(195, 176, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 176, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 43.172, 301.965 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(195, 176, 255) }
```

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

```
.border{ border-color:rgb(195, 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(195, 176, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 176, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 176, 255);  
box-shadow:4px 4px 4px 4px rgb(195, 176,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 43.172, 301.965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 176, 255) }
```

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

```
.background{ background-color: rgb(195,  
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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