

Converting Colors

CIELCh(76, 44.881, 303.940)

Have a look what the booklet for
CIELCh(76, 44.881, 303.940)
contains.

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Color

CIELCh(76, 43.966, 303.981)

Conversions

Conversions Part 1

Format	Color
Hex	C7AFFF
RGB	199, 175, 255
RGB Percent	78%, 69%, 100%
CMY	0.2205, 0.3146, 0.0009
CMYK	0.22, 0.31, 0.00, 0.00
HSL	258°, 99%, 84%
HSV	258°, 31%, 100%
XYZ	56.7887, 49.8872, 101.0409
YIQ	191.2960, -11.3760, 29.9680

Conversions

Conversions Part 2

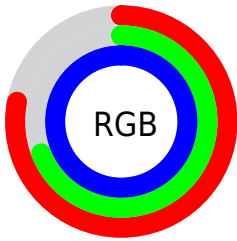
Format	Color
R_{YB}	199, 175, 255
Decimal	13086719
CIE _{Lab}	76.00, 24.57, -36.46
CIE _{LCh}	76, 43.966, 303.981
Yxy	49.8872, 0.2734, 0.2402
Android (android.graphics.Color)	4291276799 (0xFFC7AFFF)
YUV	191.2960, 31.4061, 6.7564
Hunter-Lab	70.6309, 19.9136, -35.3755

Details

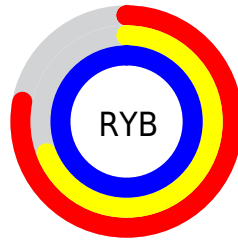
The CIELCh color $76, 43.966, 303.981$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $97, 41.231, 119.958$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 14.992, 324.942$, and $56, 44.235, 304.197$ is the 20% darker color. If you saturate the color by 10%, you get $68, 58.904, 304.851$, and if you desaturate by 10%, it is $84, 29.445, 303.192$.

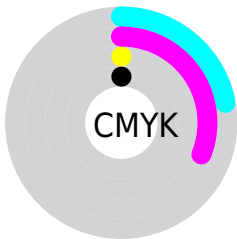
Distribution



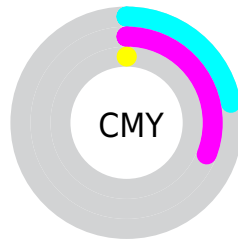
- Red (78%)
- Green (69%)
- Blue (100%)



- Red (78%)
- Yellow (69%)
- Blue (100%)



- Cyan (22%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)





- Cyan (22%)
- Magenta (31%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 43.966, 303.981 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, 43.966, 303.981 by changing the saturation by 10% instead.


 76, 43.966,
303.981


 76, 43.966,
303.981


 100, 43.966,
303.981


 66, 43.966,
303.981


 96, 43.966,
303.981

 56, 43.966,
303.981

 46, 43.966,
303.981

 36, 43.966,
303.981

 26, 43.966,
303.981

 16, 43.966,
303.981

 6, 43.966, 303.981

■ 0, 43.966, 303.981

■ 76, 43.966,
303.981

■ 76, 43.966,
303.981

■ 68, 58.904,
304.851

■ 84, 29.445,
303.192

■ 61, 74.106,
305.779

■ 91, 15.406,
302.489

■ 54, 89.224,
306.714

■ 99, 1.862, 301.847

■ 48, 103.598,
307.563

■ 100, 0.110,
109.467

■ 42, 116.117,
308.176

■ 38, 125.317,
308.364

■ 36,130.068,
308.150

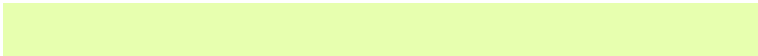
Harmonies

Complementary

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



76, 43.966, 303.981



97, 41.231, 119.958

Rectangle

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



76, 43.966, 303.981



76, 43.966, 353.981



76, 43.966, 123.981



76, 43.966, 173.981

Sweetspot

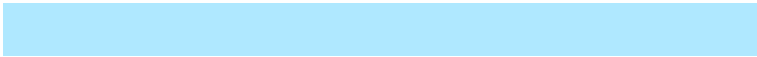
The Sweet Spot groups the original color and five complimentary colors.



76, 43.964, 303.981



93, 12.128, 302.333



89, 21.228, 232.452



49, 8.448, 302.428



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, 43.964, 303.981



71, 53.834, 304.548



80, 47.488, 319.699



49, 7.668, 302.366



26, 104.624, 308.304



5, 44.753, 307.707

Inverse Universe

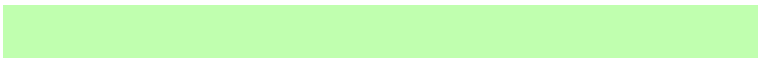
The Inverse Universe completely reimagines the original color for something new.



80, 40.783, 336.592



77, 49.207, 337.147



94, 46.746, 136.652



50, 7.341, 334.906



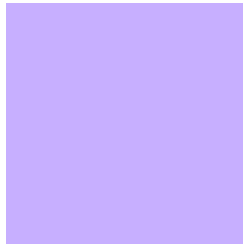
43, 74.319, 344.933



11, 35.016, 342.349

Previews

White Background



This preview shows how the CIELCh color 76, 43.966, 303.981 looks on a white background.

Color Contrast Check

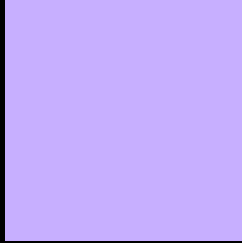
Large Text (above 18pt) WCAG AA × Fail

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, 43.966, 303.981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

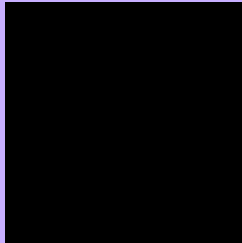
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 43.966, 303.981

Background



This preview shows how black text looks on a background with the CIELCh color 76, 43.966, 303.981.




This preview shows how white text looks on a background with the CIELCh color 76, 43.966, 303.981.

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, 8.240, 301.003

Trichromacy



Original Color
76, 43.966, 303.981

Protanomaly
76, 39.884, 292.887

Deuteranomaly
76, 39.351, 293.275

Tritanomaly
76, 21.534, 303.189

Monochromacy



Original Color
76, 43.966, 303.981

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 15.984, 303.000

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 43.966, 303.981 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(199, 175, 255)` looks like.

```
.text, #text, p{  
    color:rgb(199, 175, 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(199, 175, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 175, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 43.966, 303.981 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(199, 175, 255) }
```

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

```
.border{ border-color:rgb(199, 175, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 175, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 175, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 175, 255);  
box-shadow:4px 4px 4px 4px rgb(199, 175,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 43.966, 303.981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 175, 255) }
```

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

```
.background{ background-color: rgb(199,  
175, 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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