

Converting Colors

CIELCh(76, 43.016, 308.506)

Have a look what the booklet for
CIELCh(76, 43.016, 308.506)
contains.

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Color

CIELCh(76, 43.050, 308.221)

Conversions

Conversions Part 1

Format	Color
Hex	CEADFA
RGB	206, 173, 250
RGB Percent	81%, 68%, 98%
CMY	0.1923, 0.3217, 0.0198
CMYK	0.18, 0.31, 0.00, 0.02
HSL	266°, 88%, 83%
HSV	266°, 31%, 98%
XYZ	57.6268, 49.8872, 96.9996
YIQ	191.6450, -5.0490, 30.9430

Conversions

Conversions Part 2

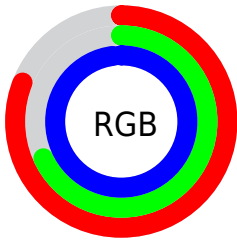
Format	Color
RYB	206, 173, 250
Decimal	13544954
CIELab	76.00, 26.63, -33.82
CIELCh	76, 43.050, 308.221
Yxy	49.8872, 0.2818, 0.2439
Android (android.graphics.Color)	4291735034 (0xFFCEADFA)
YUV	191.6450, 28.7690, 12.5893
Hunter-Lab	70.6309, 22.0315, -31.9832

Details

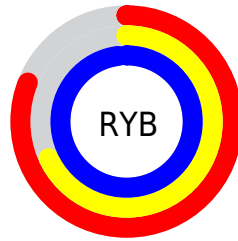
The CIELCh color $76, 43.050, 308.221$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $94, 40.912, 125.006$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 16.248, 324.987$, and $56, 43.181, 308.503$ is the 20% darker color. If you saturate the color by 10%, you get $69, 57.721, 308.860$, and if you desaturate by 10%, it is $83, 28.658, 307.617$.

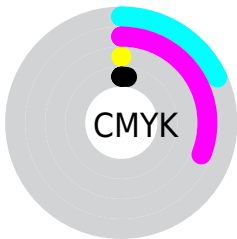
Distribution



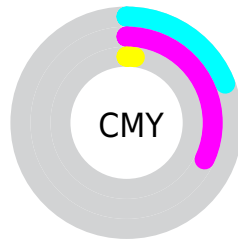
- Red (81%)
- Green (68%)
- Blue (98%)



- Red (81%)
- Yellow (68%)
- Blue (98%)



- Cyan (18%)
- Magenta (31%)
- Yellow (0%)
- Black (2%)





- Cyan (19%)
- Magenta (32%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 43.050, 308.221 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, 43.050, 308.221 by changing the saturation by 10% instead.


 76, 43.050,
308.221


 76, 43.050,
308.221


 100, 43.050,
308.221


 66, 43.050,
308.221


 96, 43.050,
308.221

 56, 43.050,
308.221

 46, 43.050,
308.221

 36, 43.050,
308.221

 26, 43.050,
308.221

 16, 43.050,
308.221

 6, 43.050, 308.221

0, 43.050, 308.221

76, 43.050,
308.221

76, 43.050,
308.221

69, 57.721,
308.860

83, 28.658,
307.617

62, 72.468,
309.508

90, 14.655,
307.061

56, 86.903,
310.113

98, 1.082, 306.470

50, 100.375,
310.595

100, 2.546,
109.958

44, 111.916,
310.834

40, 120.370,
310.691

■ 38,125.067,
310.193

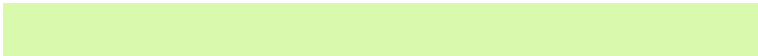
Harmonies

Complementary

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



76, 43.050, 308.221



94, 40.912, 125.006

Rectangle

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



76, 43.050, 308.221



76, 43.050, 358.221



76, 43.050, 128.221



76, 43.050, 178.221

Sweetspot

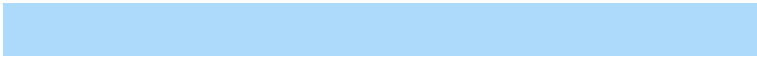
The Sweet Spot groups the original color and five complimentary colors.



76, 43.048, 308.221



93, 12.375, 306.966



85, 21.643, 250.394



49, 8.618, 307.043



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, 43.048, 308.221



73, 52.971, 308.617



80, 47.344, 323.701



48, 7.695, 306.992



28, 101.046, 310.380



5, 43.145, 310.654

Inverse Universe

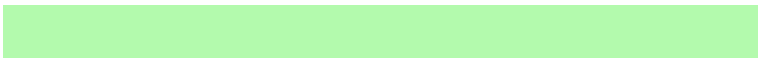
The Inverse Universe completely reimagines the original color for something new.



79, 36.185, 342.660



77, 44.109, 343.317



92, 47.113, 140.245



49, 6.592, 340.699



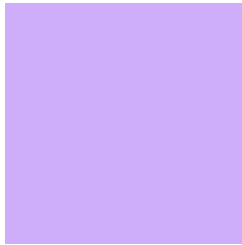
41, 68.868, 355.458



10, 31.902, 350.789

Previews

White Background



This preview shows how the CIELCh color 76, 43.050, 308.221 looks on a white background.

Color Contrast Check

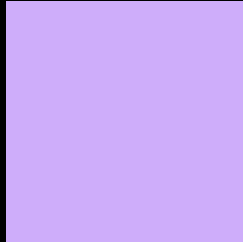
Large Text (above 18pt) WCAG AA × Fail

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, 43.050, 308.221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

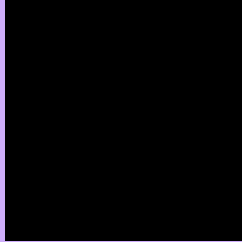
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 43.050, 308.221

Background



This preview shows how black text looks on a background with the CIELCh color 76, 43.050, 308.221.



This preview shows how white text looks on a background with the CIELCh color 76, 43.050, 308.221.

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, 43.050, 308.221

Protanopia

76, 37.883, 285.284

Deuteranopia

76, 34.544, 287.597



Tritanopia
76, 9.615, 322.997

Trichromacy



Original Color
76, 43.050, 308.221

Protanomaly
76, 38.819, 293.679

Deuteranomaly
76, 37.300, 295.975

Tritanomaly
76, 21.892, 311.655

Monochromacy



Original Color
76, 43.050, 308.221

Achromatopsia
78, 0.009, 296.813

Achromatomaly
77, 15.716, 307.181

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 43.050, 308.221 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(206, 173, 250)` looks like.

```
.text, #text, p{  
    color:rgb(206, 173, 250)  
}
```

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(206, 173, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 173, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 43.050, 308.221 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(206, 173, 250) }
```

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

```
.border{ border-color:rgb(206, 173, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 173, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 173, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 173, 250);  
box-shadow:4px 4px 4px 4px rgb(206, 173,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 43.050, 308.221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 173, 250) }
```

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

```
.background{ background-color: rgb(206,  
173, 250) }
```

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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