

Converting Colors

CIELCh(76, 42.496, 309.460)

Have a look what the booklet for
CIELCh(76, 42.496, 309.460)
contains.

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Color

CIELCh(76, 42.185, 309.452)

Conversions

Conversions Part 1

Format	Color
Hex	D0ADF8
RGB	208, 173, 248
RGB Percent	82%, 68%, 97%
CMY	0.1856, 0.3228, 0.0288
CMYK	0.16, 0.30, 0.00, 0.03
HSL	268°, 84%, 82%
HSV	268°, 30%, 97%
XYZ	57.6966, 49.8872, 95.1248
YIQ	192.0150, -3.2150, 30.7450

Conversions

Conversions Part 2

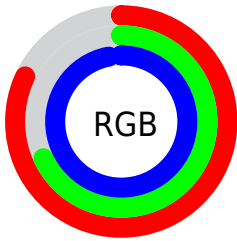
Format	Color
R_{YB}	208, 173, 248
Decimal	13676024
CIE _{Lab}	76.00, 26.81, -32.57
CIE _{LCh}	76, 42.185, 309.452
Yxy	49.8872, 0.2846, 0.2461
Android (android.graphics.Color)	4291866104 (0xFFD0ADF8)
YUV	192.0150, 27.6006, 14.0188
Hunter-Lab	70.6309, 22.2079, -30.4094

Details

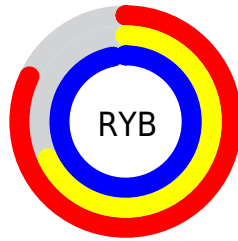
The CIELCh color $76, 42.185, 309.452$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $93, 40.281, 126.441$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 16.248, 324.987$, and $56, 42.244, 309.763$ is the 20% darker color. If you saturate the color by 10%, you get $69, 56.740, 310.040$, and if you desaturate by 10%, it is $83, 27.871, 308.890$.

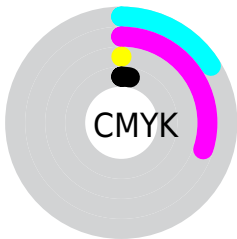
Distribution



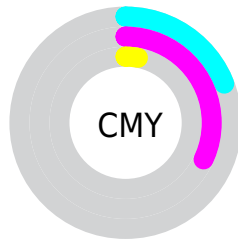
- Red (82%)
- Green (68%)
- Blue (97%)



- Red (82%)
- Yellow (68%)
- Blue (97%)



- Cyan (16%)
- Magenta (30%)
- Yellow (0%)
- Black (3%)





- Cyan (19%)
- Magenta (32%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 42.185, 309.452 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, 42.185, 309.452 by changing the saturation by 10% instead.


 76, 42.185,
309.452


 76, 42.185,
309.452


 100, 42.185,
309.452


 66, 42.185,
309.452


 96, 42.185,
309.452

 56, 42.185,
309.452

 46, 42.185,
309.452

 36, 42.185,
309.452

 26, 42.185,
309.452

 16, 42.185,
309.452

 6, 42.185, 309.452

0, 42.185, 309.452

76, 42.185,
309.452

76, 42.185,
309.452

69, 56.740,
310.040

83, 27.871,
308.890

62, 71.322,
310.625

90, 13.918,
308.367

56, 85.541,
311.160

97, 0.374, 307.570

50, 98.759,
311.566

100, 3.707,
109.880

45, 110.055,
311.734

41, 118.353,
311.537

■ 39,123.188,
310.961

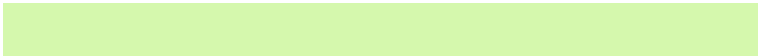
Harmonies

Complementary

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



76, 42.185, 309.452



93, 40.281, 126.441

Rectangle

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



76, 42.185, 309.452



76, 42.185, 359.452



76, 42.185, 129.452



76, 42.185, 179.452

Sweetspot

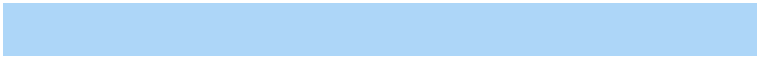
The Sweet Spot groups the original color and five complimentary colors.



76, 42.183, 309.452



93, 12.463, 308.304



84, 21.690, 254.431



49, 8.679, 308.377



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, 42.183, 309.452



74, 51.713, 309.790



79, 46.582, 324.652



48, 7.749, 308.328



29, 100.238, 311.148



5, 43.208, 311.728

Inverse Universe

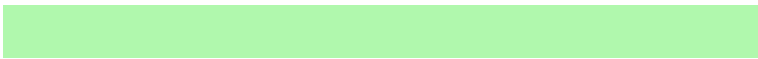
The Inverse Universe completely reimagines the original color for something new.



79, 34.460, 344.634



77, 41.948, 345.278



91, 46.457, 141.111



49, 6.421, 342.628



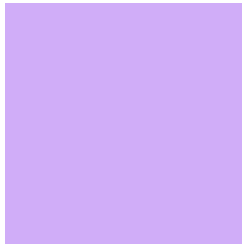
41, 68.046, 358.927



10, 31.416, 353.626

Previews

White Background



This preview shows how the CIELCh color 76, 42.185, 309.452 looks on a white background.

Color Contrast Check

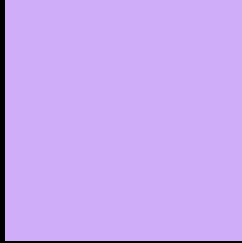
Large Text (above 18pt) WCAG AA × Fail

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, 42.185, 309.452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

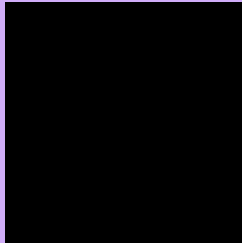
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 42.185, 309.452

Background



This preview shows how black text looks on a background with the CIELCh color 76, 42.185, 309.452.




This preview shows how white text looks on a background with the CIELCh color 76, 42.185, 309.452.

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, 9.601, 328.482

Trichromacy



Original Color
76, 42.185, 309.452

Protanomaly
76, 38.289, 294.099

Deuteranomaly
76, 35.715, 296.482

Tritanomaly
76, 21.147, 314.469

Monochromacy



Original Color
76, 42.185, 309.452

Achromatopsia
78, 0.009, 296.813

Achromatomaly
77, 15.306, 309.001

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 42.185, 309.452 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(208, 173, 248)` looks like.

```
.text, #text, p{  
    color:rgb(208, 173, 248)  
}
```

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(208, 173, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 173, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 42.185, 309.452 is called "border". The border property can be set on classes, ids or directly on the HTML element.

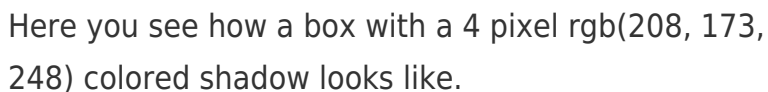
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 173, 248) }
```

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

```
.border{ border-color:rgb(208, 173, 248) }
```

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



Here you see how a box with a 4 pixel `rgb(208, 173, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(208, 173, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(208, 173, 248); box-shadow:4px 4px 4px 4px rgb(208, 173, 248) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 42.185, 309.452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 173, 248) }
```

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

```
.background{ background-color: rgb(208,  
173, 248) }
```

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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