

Converting Colors

CIELCh(76, 39.772, 310.186)

Have a look what the booklet for
CIELCh(76, 39.772, 310.186)
contains.

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Color

CIELCh(76, 40.159, 310.259)

Conversions

Conversions Part 1

Format	Color
Hex	D0ADF4
RGB	208, 173, 244
RGB Percent	82%, 68%, 96%
CMY	0.1839, 0.3212, 0.0427
CMYK	0.15, 0.29, 0.00, 0.04
HSL	270°, 77%, 82%
HSV	270°, 29%, 96%
XYZ	57.3484, 49.8872, 92.2777
YIQ	191.5590, -1.9310, 29.5010

Conversions

Conversions Part 2

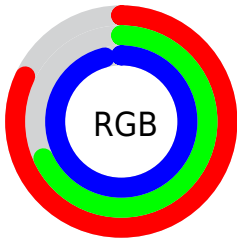
Format	Color
R _Y B	208, 173, 244
Decimal	13676020
CIE Lab	76.00, 25.95, -30.65
CIE LCh	76, 40.159, 310.259
Yxy	49.8872, 0.2874, 0.2500
Android (android.graphics.Color)	4291866100 (0xFFD0ADF4)
YUV	191.5590, 25.8534, 14.4188
Hunter-Lab	70.6309, 21.3282, -28.0194

Details

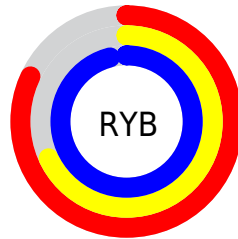
The CIELCh color `76, 40.159, 310.259` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `92, 38.521, 127.455`, and the grayscale version is `77, 0.009, 296.813`.

A 20% lighter version of the original color is `94, 16.248, 324.987`, and `56, 40.641, 310.369` is the 20% darker color. If you saturate the color by 10%, you get `69, 54.532, 310.814`, and if you desaturate by 10%, it is `83, 26.012, 309.724`.

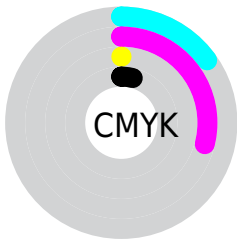
Distribution



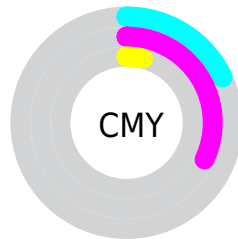
- Red (82%)
- Green (68%)
- Blue (96%)



- Red (82%)
- Yellow (68%)
- Blue (96%)



- Cyan (15%)
- Magenta (29%)
- Yellow (0%)
- Black (4%)





- Cyan (18%)
- Magenta (32%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 40.159, 310.259 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, 40.159, 310.259 by changing the saturation by 10% instead.


 76, 40.159,
310.259


 76, 40.159,
310.259


 100, 40.159,
310.259


 66, 40.159,
310.259


 96, 40.159,
310.259

 56, 40.159,
310.259

 46, 40.159,
310.259

 36, 40.159,
310.259

 26, 40.159,
310.259

 16, 40.159,
310.259

 6, 40.159, 310.259

■ 0, 40.159, 310.259

■ 76, 40.159,
310.259

■ 76, 40.159,
310.259

■ 69, 54.532,
310.814

■ 83, 26.012,
309.724

■ 63, 68.924,
311.365

■ 90, 12.210,
309.223

■ 56, 82.960,
311.863

■ 97, 1.196, 128.896

■ 51, 96.038,
312.239

■ 100, 5.513,
109.752

■ 46, 107.291,
312.390

■ 42, 115.705,
312.198

■ 39,120.744,
311.600

■ 39,121.138,
311.542

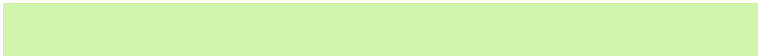
Harmonies

Complementary

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



76, 40.159, 310.259



92, 38.521, 127.455

Rectangle

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



76, 40.159, 310.259



76, 40.159, 0.259



76, 40.159, 130.259



76, 40.159, 180.259

Sweetspot

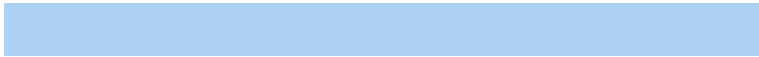
The Sweet Spot groups the original color and five complimentary colors.



76, 40.157, 310.259



93, 12.528, 309.220



83, 21.251, 258.119



49, 8.723, 309.291



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, 40.157, 310.259



75, 50.396, 310.591



79, 44.642, 325.553



47, 7.658, 309.243



29, 98.659, 311.733



5, 41.471, 312.207

Inverse Universe

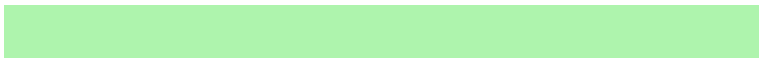
The Inverse Universe completely reimagines the original color for something new.



78, 32.190, 345.969



78, 40.159, 346.655



90, 44.607, 142.012



48, 6.201, 344.024



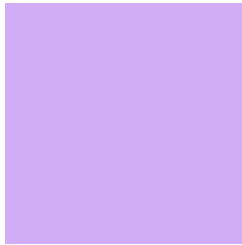
40, 66.976, 1.358



9, 30.324, 355.354

Previews

White Background



This preview shows how the CIELCh color 76, 40.159, 310.259 looks on a white background.

Color Contrast Check

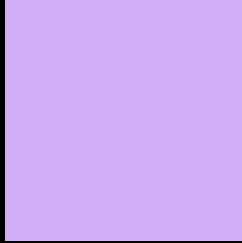
Large Text (above 18pt) WCAG AA × Fail

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, 40.159, 310.259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

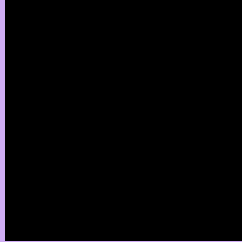
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 40.159, 310.259

Background



This preview shows how black text looks on a background with the CIELCh color 76, 40.159, 310.259.




This preview shows how white text looks on a background with the CIELCh color 76, 40.159, 310.259.

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, 10.485, 329.904

Trichromacy



Original Color
76, 40.159, 310.259

Protanomaly
76, 37.228, 294.508

Deuteranomaly
76, 34.157, 297.600

Tritanomaly
76, 20.797, 315.962

Monochromacy



Original Color
76, 40.159, 310.259

Achromatopsia
78, 0.009, 296.813

Achromatomaly
77, 14.796, 309.618

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 40.159, 310.259 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, 244)` looks like.

```
.text, #text, p{  
    color:rgb(208, 173, 244)  
}
```

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, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 173, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 40.159, 310.259 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, 244) }
```

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

```
.border{ border-color:rgb(208, 173, 244) }
```

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, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 173, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 173, 244);  
box-shadow:4px 4px 4px 4px rgb(208, 173,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 40.159, 310.259 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, 244) }
```

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

```
.background{ background-color: rgb(208,  
173, 244) }
```

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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