

Converting Colors

CIELCh(76, 18.118, 0.674)

Have a look what the booklet for
CIELCh(76, 18.118, 0.674) contains.

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Color

CIELCh(76, 18.198, 0.398)

Conversions

Conversions Part 1

Format	Color
Hex	DDB0BC
RGB	221, 176, 188
RGB Percent	87%, 69%, 74%
CMY	0.1345, 0.3109, 0.2638
CMYK	0.00, 0.20, 0.15, 0.13
HSL	344°, 40%, 78%
HSV	344°, 20%, 87%
XYZ	54.2482, 49.8872, 54.1890
YIQ	190.8230, 22.9680, 13.2720

Conversions

Conversions Part 2

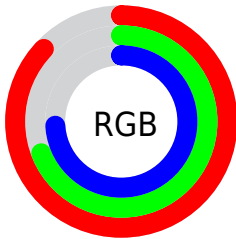
Format	Color
R _Y B	221, 176, 188
Decimal	14528700
CIE Lab	76.00, 18.20, 0.13
CIE LCh	76, 18.198, 0.398
Yxy	49.8872, 0.3426, 0.3151
Android (android.graphics.Color)	4292718780 (0xFFDDB0BC)
YUV	190.8230, -1.3917, 26.4652
Hunter-Lab	70.6309, 13.4932, 3.9536

Details

The CIELCh color **76, 18.198, 0.398** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **85, 17.024, 176.403**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 10.269, 343.197**, and **56, 18.222, 359.615** is the 20% darker color. If you saturate the color by 10%, you get **70, 27.615, 1.731**, and if you desaturate by 10%, it is **82, 9.073, 359.256**.

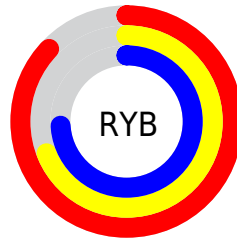
Distribution



Red (87%)

Green (69%)

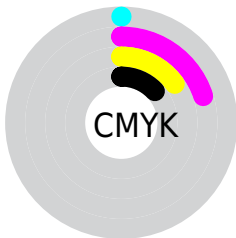
Blue (74%)



Red (87%)

Yellow (69%)

Blue (74%)

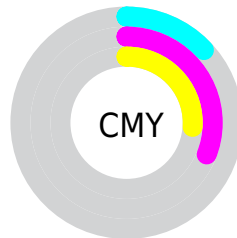


Cyan (0%)

Magenta (20%)

Yellow (15%)

Black (13%)



Cyan (13%)

Magenta (31%)

Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 18.198, 0.398 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, 18.198, 0.398 by changing the saturation by 10% instead.

 76, 18.198, 0.398  76, 18.198, 0.398

 100, 18.198, 0.398  66, 18.198, 0.398

 96, 18.198, 0.398  56, 18.198, 0.398

 46, 18.198, 0.398

 36, 18.198, 0.398

 26, 18.198, 0.398

 16, 18.198, 0.398

 6, 18.198, 0.398

 0, 18.198, 0.398

 76, 18.198, 0.398  76, 18.198, 0.398

70, 27.615, 1.731

82, 9.073, 359.256

65, 37.173, 3.323

88, 0.330, 356.755

60, 46.612, 5.276

94, 8.002, 177.574

56, 55.575, 7.720

98, 11.725,
192.358

52, 63.647, 10.816

98, 11.572,
198.733

49, 70.477, 14.727

47, 75.959, 19.548

46, 80.384, 24.788

Harmonies

Complementary

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



76, 18.198, 0.398



85, 17.024, 176.403

Rectangle

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



76, 18.198, 0.398



76, 18.198, 50.398



76, 18.198, 180.398



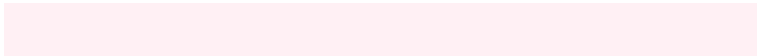
76, 18.198, 230.398

Sweetspot

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



76, 18.196, 0.402



96, 5.839, 358.780



76, 26.978, 317.649



51, 3.879, 358.854



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, 18.196, 0.402



84, 24.267, 0.883



78, 14.590, 42.757



43, 4.925, 359.153



36, 66.691, 23.767



5, 23.826, 8.623

Inverse Universe

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



76, 18.196, 0.402



84, 24.267, 0.883



82, 12.802, 224.554



43, 4.925, 359.153



36, 66.691, 23.767



5, 23.826, 8.623

Previews

White Background



This preview shows how the CIELCh color 76, 18.198, 0.398 looks on a white background.

Color Contrast Check

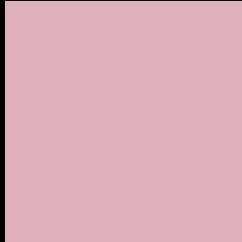
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 76, 18.198, 0.398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

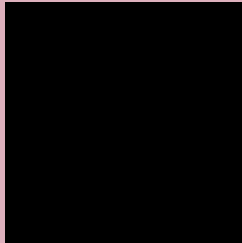
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 18.198, 0.398

Background



This preview shows how black text looks on a background with the CIELCh color 76, 18.198, 0.398.

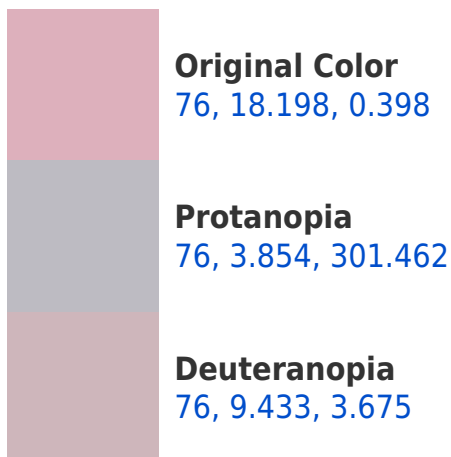


This preview shows how white text looks on a background with the CIELCh color 76, 18.198, 0.398.

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, 18.362, 358.813

Trichromacy



Original Color
76, 18.198, 0.398

Protanomaly
76, 8.281, 344.346

Deuteranomaly
76, 12.298, 2.710

Tritanomaly
76, 18.362, 358.813

Monochromacy



Original Color
76, 18.198, 0.398

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 6.904, 357.093

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 18.198, 0.398 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(221, 176, 188)` looks like.

```
.text, #text, p{  
    color:rgb(221, 176, 188)  
}
```

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(221, 176, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 176, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 18.198, 0.398 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(221, 176, 188) }
```

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

```
.border{ border-color:rgb(221, 176, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 176, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 176, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 176, 188);  
box-shadow:4px 4px 4px 4px rgb(221, 176,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 18.198, 0.398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 176, 188) }
```

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

```
.background{ background-color: rgb(221,  
176, 188) }
```

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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