

Converting Colors

CIELCh(76, 16.752, 78.862)

Have a look what the booklet for
CIELCh(76, 16.752, 78.862) contains.

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Color

CIELCh(76, 16.771, 78.848)

Conversions

Conversions Part 1

Format	Color
Hex	CDB89D
RGB	205, 184, 157
RGB Percent	80%, 72%, 62%
CMY	0.1948, 0.2771, 0.3831
CMYK	0.00, 0.10, 0.23, 0.19
HSL	34°, 33%, 71%
HSV	34°, 23%, 81%
XYZ	48.5894, 49.8872, 39.1076
YIQ	187.2010, 21.1830, -3.9450

Conversions

Conversions Part 2

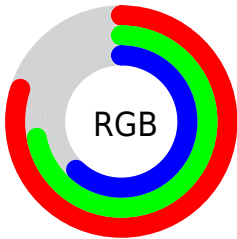
Format	Color
RYB	194, 205, 157
Decimal	13482141
CIELab	76.00, 3.24, 16.45
CIELCh	76, 16.771, 78.848
Yxy	49.8872, 0.3532, 0.3626
Android (android.graphics.Color)	4291672221 (0xFFCDB89D)
YUV	187.2010, -14.8891, 15.6097
Hunter-Lab	70.6309, -0.8077, 16.6134

Details

The CIELCh color $76, 16.771, 78.848$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $72, 16.132, 265.398$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 15.364, 87.692$, and $56, 16.508, 78.701$ is the 20% darker color. If you saturate the color by 10%, you get $73, 24.383, 77.526$, and if you desaturate by 10%, it is $79, 9.425, 80.148$.

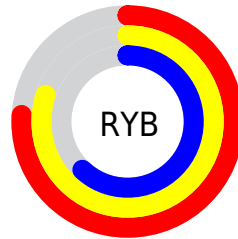
Distribution



Red (80%)

Green (72%)

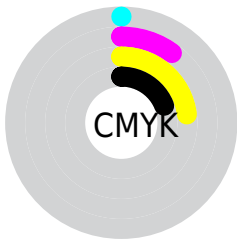
Blue (62%)



Red (76%)

Yellow (80%)

Blue (62%)

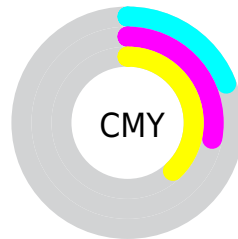


Cyan (0%)

Magenta (10%)

Yellow (23%)

Black (19%)



Cyan (19%)

Magenta (28%)

Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 16.771, 78.848 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, 16.771, 78.848 by changing the saturation by 10% instead.

 76, 16.771, 78.848

 76, 16.771, 78.848

 100, 16.771,
78.848

 66, 16.771, 78.848

 96, 16.771, 78.848

 56, 16.771, 78.848

 46, 16.771, 78.848

 36, 16.771, 78.848

 26, 16.771, 78.848

 16, 16.771, 78.848

 6, 16.771, 78.848

 0, 16.771, 78.848

 76, 16.771, 78.848

 76, 16.771, 78.848

73, 24.383, 77.526

79, 9.425, 80.148

71, 32.240, 76.163

82, 2.336, 81.315

68, 40.283, 74.762

84, 4.511, 262.758

66, 48.361, 73.300

87, 11.136,
263.903

63, 56.169, 71.713

90, 15.336,
260.270

61, 63.136, 69.865

59, 68.386, 67.508

92, 13.705,
238.300

57, 70.940, 65.703

95, 14.320,
214.938

97, 16.459,
198.413

Harmonies

Complementary

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



76, 16.771, 78.848



72, 16.132, 265.398

Rectangle

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



76, 16.771, 78.848



76, 16.771, 128.848



76, 16.771, 258.848



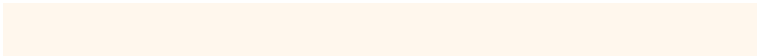
76, 16.771, 308.848

Sweetspot

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



76, 16.772, 78.857



98, 5.806, 80.922



70, 21.656, 348.627



52, 3.777, 80.850



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, 16.772, 78.857



91, 24.159, 78.200



81, 25.228, 110.071



42, 3.943, 80.646



47, 60.395, 66.297



9, 14.495, 65.949

Inverse Universe

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



72, 16.132, 265.398



85, 23.024, 266.326



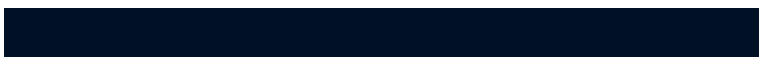
67, 26.643, 294.616



41, 3.893, 263.175



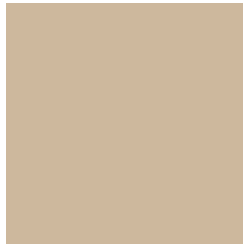
33, 58.591, 289.254



5, 16.325, 276.118

Previews

White Background



This preview shows how the CIELCh color 76, 16.771, 78.848 looks on a white background.

Color Contrast Check

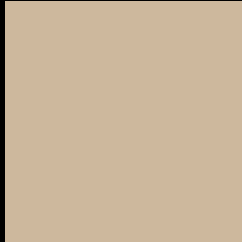
Large Text (above 18pt) WCAG AA × Fail

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, 16.771, 78.848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

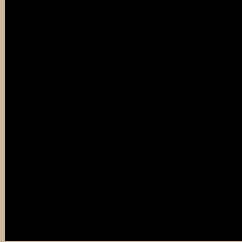
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

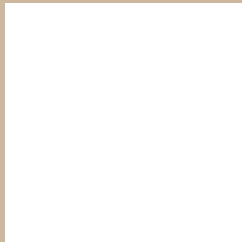
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 16.771, 78.848

Background



This preview shows how black text looks on a background with the CIELCh color 76, 16.771, 78.848.

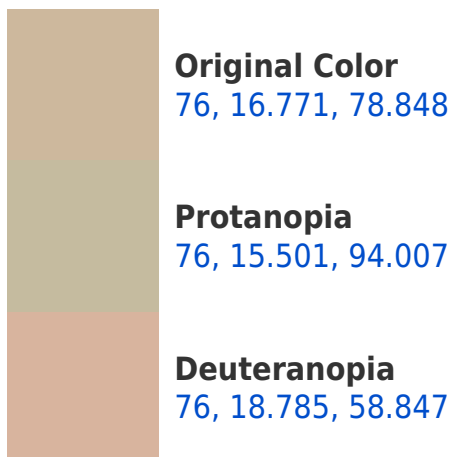


This preview shows how white text looks on a background with the CIELCh color 76, 16.771, 78.848.

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](#).

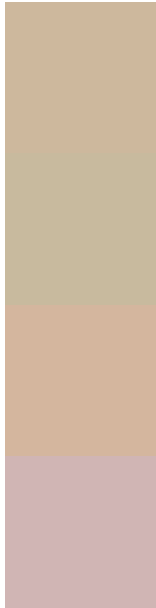
Dichromacy





Tritanopia
76, 13.807, 347.637

Trichromacy



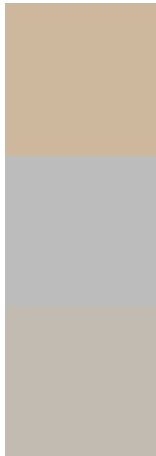
Original Color
76, 16.771, 78.848

Protanomaly
76, 16.004, 88.465

Deuteranomaly
76, 17.699, 66.273

Tritanomaly
76, 10.339, 23.169

Monochromacy



Original Color
76, 16.771, 78.848

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 5.969, 83.184

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 16.771, 78.848 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(205, 184, 157)` looks like.

```
.text, #text, p{  
    color:rgb(205, 184, 157)  
}
```

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(205, 184, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 184, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 16.771, 78.848 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(205, 184, 157) }
```

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

```
.border{ border-color:rgb(205, 184, 157) }
```

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

Here you see how a box with a 4 pixel rgb(205, 184, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 184, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 184, 157);  
box-shadow:4px 4px 4px 4px rgb(205, 184,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 16.771, 78.848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 184, 157) }
```

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

```
.background{ background-color: rgb(205,  
184, 157) }
```

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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