

Converting Colors

CIELCh(80, 15.985, 82.692)

Have a look what the booklet for
CIELCh(80, 15.985, 82.692) contains.

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Color

CIELCh(80, 15.985, 82.692)

Conversions

Conversions Part 1

Format	Color
Hex	D6C4A9
RGB	214, 196, 169
RGB Percent	84%, 77%, 66%
CMY	0.1605, 0.2311, 0.3370
CMYK	0.00, 0.08, 0.21, 0.16
HSL	36°, 35%, 75%
HSV	36°, 21%, 84%
XYZ	54.6720, 56.6813, 45.6253
YIQ	198.3040, 19.3950, -4.5810

Conversions

Conversions Part 2

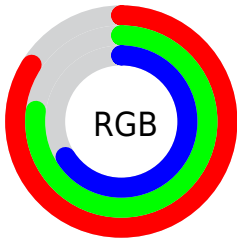
Format	Color
R _Y B	199, 214, 169
Decimal	14075049
CIE Lab	80.00, 2.03, 15.86
CIE LCh	80, 15.985, 82.692
Yxy	56.6813, 0.3483, 0.3611
Android (android.graphics.Color)	4292265129 (0xFFD6C4A9)
YUV	198.3040, -14.4469, 13.7654
Hunter-Lab	75.2870, -2.1289, 16.7701

Details

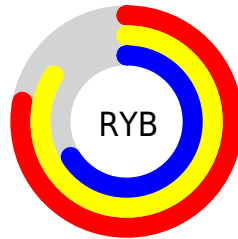
The CIELCh color $80, 15.985, 82.692$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $75, 15.624, 268.533$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 14.706, 106.210$, and $60, 15.825, 81.610$ is the 20% darker color. If you saturate the color by 10%, you get $77, 23.950, 81.359$, and if you desaturate by 10%, it is $83, 8.252, 83.994$.

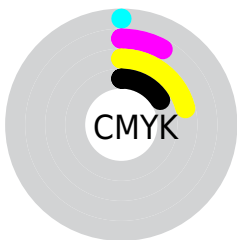
Distribution



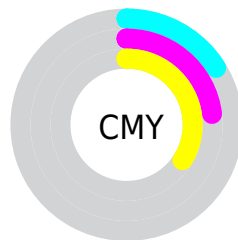
- Red (84%)
- Green (77%)
- Blue (66%)



- Red (78%)
- Yellow (84%)
- Blue (66%)



- Cyan (0%)
- Magenta (8%)
- Yellow (21%)
- Black (16%)



- Cyan (16%)
- Magenta (23%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 15.985, 82.692 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 80, 15.985, 82.692 by changing the saturation by 10% instead.

■ 80, 15.985, 82.692

■ 80, 15.985, 82.692

■ 100, 15.985,
82.692

■ 70, 15.985, 82.692

■ 60, 15.985, 82.692

■ 50, 15.985, 82.692

■ 40, 15.985, 82.692

■ 30, 15.985, 82.692

■ 20, 15.985, 82.692

■ 10, 15.985, 82.692

■ 0, 15.985, 82.692

■ 80, 15.985, 82.692

■ 80, 15.985, 82.692

77, 23.950, 81.359

83, 8.252, 83.994

75, 32.124, 79.978

85, 0.747, 84.893

72, 40.440, 78.555

88, 6.541, 266.572

70, 48.753, 77.072

91, 13.629,
267.723

68, 56.765, 75.482

93, 11.589,
245.118

65, 63.932, 73.678

63, 69.415, 71.462

95, 11.727,
218.213

62, 72.607, 69.042

97, 13.710,
198.591

Harmonies

Complementary

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



80, 15.985, 82.692



75, 15.624, 268.533

Rectangle

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



80, 15.985, 82.692



80, 15.985, 132.692



80, 15.985, 262.692



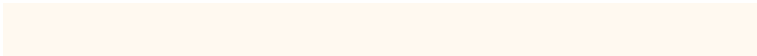
80, 15.985, 312.692

Sweetspot

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



80, 15.986, 82.701



98, 5.134, 84.599



74, 19.525, 351.444



52, 3.409, 84.522



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



80, 15.986, 82.701



92, 22.052, 82.139



84, 23.543, 112.394



44, 4.240, 84.194



50, 61.317, 69.614



11, 17.455, 71.175

Inverse Universe

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



75, 15.624, 268.533



86, 21.440, 269.285



71, 24.702, 296.093



42, 4.206, 266.729



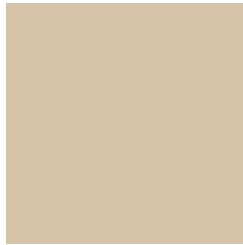
32, 64.348, 292.182



5, 19.657, 280.682

Previews

White Background



This preview shows how the CIELCh color 80, 15.985, 82.692 looks on a white background.

Color Contrast Check

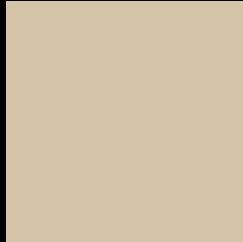
Large Text (above 18pt) WCAG AA × Fail

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 80, 15.985, 82.692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

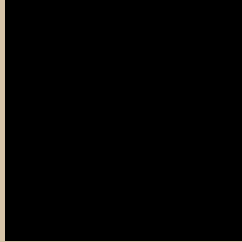
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

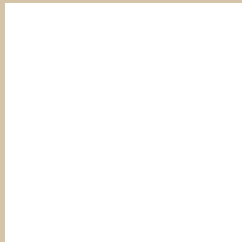
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 15.985, 82.692

Background



This preview shows how black text looks on a background with the CIELCh color 80, 15.985, 82.692.

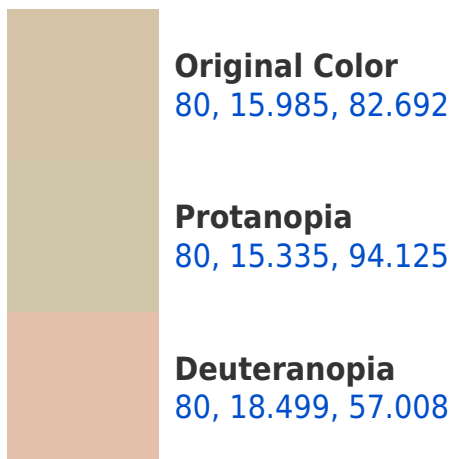


This preview shows how white text looks on a background with the CIELCh color 80, 15.985, 82.692.

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](#).

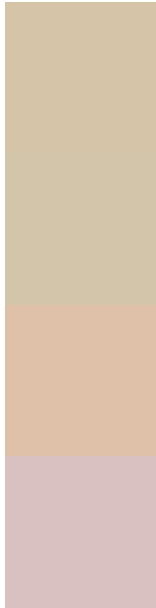
Dichromacy





Tritanopia
80, 13.041, 342.794

Trichromacy



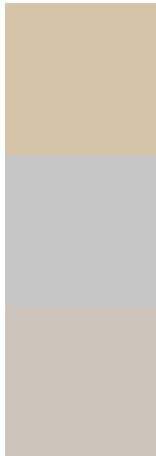
Original Color
80, 15.985, 82.692

Protanomaly
80, 15.190, 89.380

Deuteranomaly
80, 17.069, 65.291

Tritanomaly
80, 9.019, 20.060

Monochromacy



Original Color
80, 15.985, 82.692

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 5.909, 83.233

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 15.985, 82.692 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(214, 196, 169)` looks like.

```
.text, #text, p{  
    color:rgb(214, 196, 169)  
}
```

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(214, 196, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 196, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 15.985, 82.692 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(214, 196, 169) }
```

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

```
.border{ border-color:rgb(214, 196, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 196, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 196, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 196, 169);  
box-shadow:4px 4px 4px 4px rgb(214, 196,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 15.985, 82.692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 196, 169) }
```

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

```
.background{ background-color: rgb(214,  
196, 169) }
```

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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