

Converting Colors

CIELCh(84, 15.575, 80.137)

Have a look what the booklet for
CIELCh(84, 15.575, 80.137) contains.

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Color

CIELCh(84, 15.519, 80.758)

Conversions

Conversions Part 1

Format	Color
Hex	E2CFB5
RGB	226, 207, 181
RGB Percent	89%, 81%, 71%
CMY	0.1141, 0.1886, 0.2905
CMYK	0.00, 0.08, 0.20, 0.11
HSL	35°, 44%, 80%
HSV	35°, 20%, 89%
XYZ	61.9550, 64.0658, 52.7676
YIQ	209.7170, 19.6700, -4.0580

Conversions

Conversions Part 2

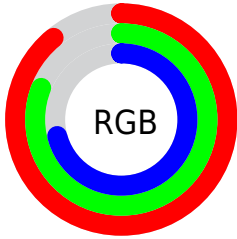
Format	Color
RYB	214, 226, 181
Decimal	14864309
CIELab	84.00, 2.49, 15.32
CIElCh	84, 15.519, 80.758
Yxy	64.0658, 0.3465, 0.3583
Android (android.graphics.Color)	4293054389 (0xFFE2CFB5)
YUV	209.7170, -14.1575, 14.2802
Hunter-Lab	80.0411, -1.9057, 16.9414

Details

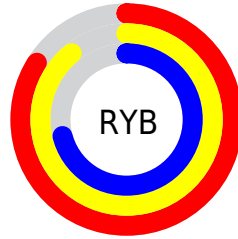
The CIELCh color **84, 15.519, 80.758** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **80, 15.091, 266.294**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 9.112, 109.487**, and **64, 15.594, 81.817** is the 20% darker color. If you saturate the color by 10%, you get **81, 23.714, 79.432**, and if you desaturate by 10%, it is **87, 7.594, 82.054**.

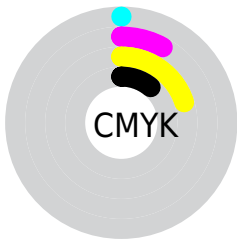
Distribution



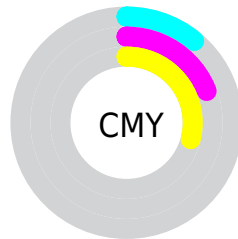
- Red (89%)
- Green (81%)
- Blue (71%)



- Red (84%)
- Yellow (89%)
- Blue (71%)



- Cyan (0%)
- Magenta (8%)
- Yellow (20%)
- Black (11%)



- Cyan (11%)
- Magenta (19%)
- Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 15.519, 80.758 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 84, 15.519, 80.758 by changing the saturation by 10% instead.

 84, 15.519, 80.758

 84, 15.519, 80.758

 100, 15.519,
80.758

 74, 15.519, 80.758

 64, 15.519, 80.758

 54, 15.519, 80.758

 44, 15.519, 80.758

 34, 15.519, 80.758

 24, 15.519, 80.758

 14, 15.519, 80.758

 4, 15.519, 80.758

 0, 15.519, 80.758

84, 15.519, 80.758

84, 15.519, 80.758

81, 23.714, 79.432

87, 7.594, 82.054

78, 32.164, 78.060

90, 0.072, 268.067

76, 40.815, 76.650

93, 7.493, 264.637

73, 49.534, 75.185

95, 8.168, 237.906

70, 58.043, 73.619

98, 9.733, 200.093

68, 65.808, 71.843

98, 9.875, 198.849

66, 71.966, 69.653

64, 75.934, 66.890

64, 75.966, 66.867

Harmonies

Complementary

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



84, 15.519, 80.758



80, 15.091, 266.294

Rectangle

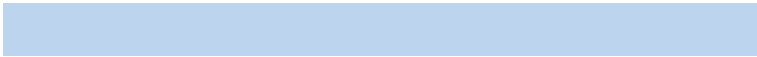
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84, 15.519, 80.758



84, 15.519, 130.758



84, 15.519, 260.758



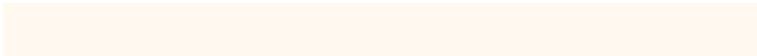
84, 15.519, 310.758

Sweetspot

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



84, 15.520, 80.768



98, 5.032, 82.522



78, 19.671, 349.267



52, 3.342, 82.445



0, 0.000, 0.000



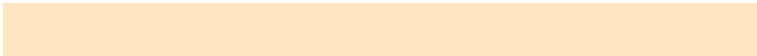
53, 0.007, 296.813

Same Dimension

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



84, 15.520, 80.768



92, 20.783, 80.206



89, 23.270, 111.075



46, 4.321, 82.113



50, 62.926, 67.501



12, 19.915, 69.021

Inverse Universe

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



80, 15.091, 266.294



87, 20.071, 267.042



75, 24.365, 294.795



45, 4.274, 264.669



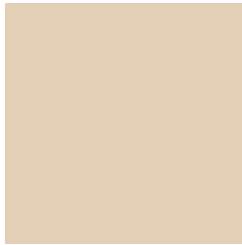
34, 63.313, 290.651



7, 21.448, 281.439

Previews

White Background



This preview shows how the CIELCh color 84, 15.519, 80.758 looks on a white background.

Color Contrast Check

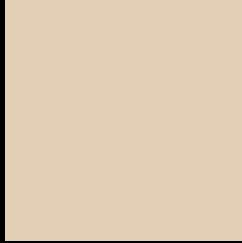
Large Text (above 18pt) WCAG AA × Fail

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 84, 15.519, 80.758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

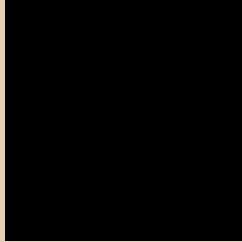
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

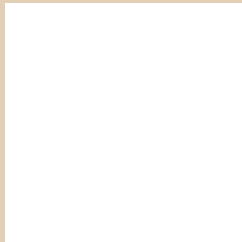
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 15.519, 80.758

Background



This preview shows how black text looks on a background with the CIELCh color 84, 15.519, 80.758.

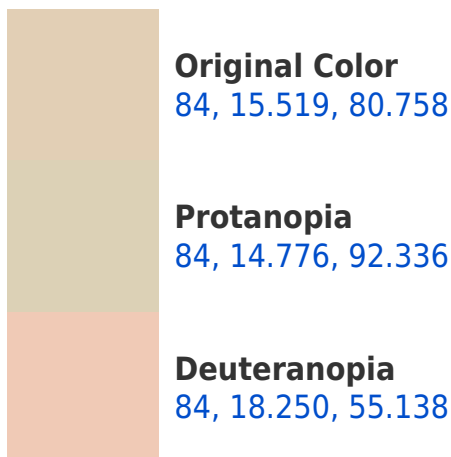


This preview shows how white text looks on a background with the CIELCh color 84, 15.519, 80.758.

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](#).

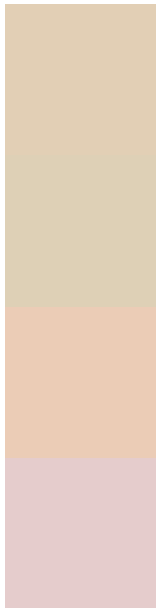
Dichromacy





Tritanopia
84, 13.204, 343.753

Trichromacy



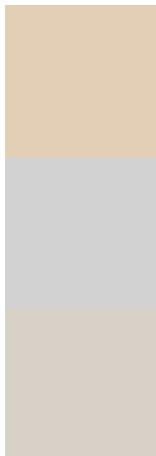
Original Color
84, 15.519, 80.758

Protanomaly
84, 14.673, 87.462

Deuteranomaly
84, 16.757, 63.294

Tritanomaly
84, 9.296, 20.052

Monochromacy



Original Color
84, 15.519, 80.758

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 5.842, 83.285

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 15.519, 80.758 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(226, 207, 181)` looks like.

```
.text, #text, p{  
    color:rgb(226, 207, 181)  
}
```

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(226, 207, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 207, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 15.519, 80.758 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(226, 207, 181) }
```

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

```
.border{ border-color:rgb(226, 207, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 207, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 207, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 207, 181);  
box-shadow:4px 4px 4px 4px rgb(226, 207,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 15.519, 80.758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 207, 181) }
```

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

```
.background{ background-color: rgb(226,  
207, 181) }
```

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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