

Converting Colors

CIELCh(86, 6.167, 100.053)

Have a look what the booklet for
CIELCh(86, 6.167, 100.053) contains.

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Color

CIELCh(86, 5.843, 98.770)

Conversions

Conversions Part 1

Format	Color
Hex	DAD7CC
RGB	218, 215, 204
RGB Percent	85%, 84%, 80%
CMY	0.1444, 0.1562, 0.1993
CMYK	0.00, 0.01, 0.06, 0.14
HSL	47°, 16%, 83%
HSV	47°, 6%, 86%
XYZ	64.2277, 67.9871, 66.9709
YIQ	214.6430, 5.3190, -2.7850

Conversions

Conversions Part 2

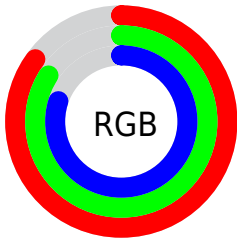
Format	Color
R _Y B	208, 218, 204
Decimal	14342092
CIE Lab	86.00, -0.89, 5.77
CIE LCh	86, 5.843, 98.770
Yxy	67.9871, 0.3225, 0.3413
Android (android.graphics.Color)	4292532172 (0xFFDAD7CC)
YUV	214.6430, -5.2470, 2.9441
Hunter-Lab	82.4543, -5.2526, 9.5615

Details

The CIELCh color **86, 5.843, 98.770** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83, 5.896, 280.337**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **66, 5.635, 97.561** is the 20% darker color. If you saturate the color by 10%, you get **84, 15.035, 97.635**, and if you desaturate by 10%, it is **88, 3.262, 280.004**.

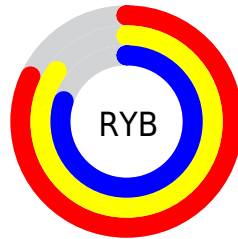
Distribution



Red (85%)

Green (84%)

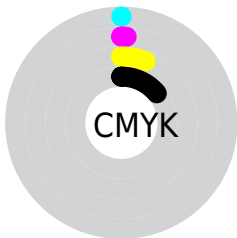
Blue (80%)



Red (82%)

Yellow (85%)

Blue (80%)

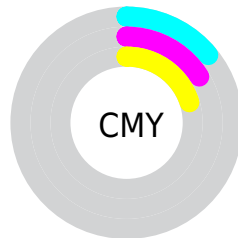


Cyan (0%)

Magenta (1%)

Yellow (6%)

Black (14%)



Cyan (14%)

Magenta (16%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 5.843, 98.770 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 86, 5.843, 98.770 by changing the saturation by 10% instead.

■ 86, 5.843, 98.770

■ 86, 5.843, 98.770

■ 100, 5.843, 98.770

■ 76, 5.843, 98.770

■ 66, 5.843, 98.770

■ 56, 5.843, 98.770

■ 46, 5.843, 98.770

■ 36, 5.843, 98.770

■ 26, 5.843, 98.770

■ 16, 5.843, 98.770

■ 6, 5.843, 98.770

■ 0, 5.843, 98.770

86, 5.843, 98.770

86, 5.843, 98.770

84, 15.035, 97.635

88, 3.262, 280.004

83, 24.279, 96.433

90, 12.270,
281.052

81, 33.519, 95.200

91, 13.808,
275.740

80, 42.649, 93.943

78, 51.480, 92.668

92, 12.020,
265.075

77, 59.690, 91.370

93, 10.771,
251.443

75, 66.768, 90.032

74, 72.018, 88.611

94, 10.248,
235.487

73, 74.790, 87.030

96, 10.548,
219.265

97, 11.597,
205.030

■ 97, 12.394,
198.678

Harmonies

Complementary

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



86, 5.843, 98.770



83, 5.896, 280.337

Rectangle

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



86, 5.843, 98.770



86, 5.843, 148.770



86, 5.843, 278.770



86, 5.843, 328.770

Sweetspot

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



86, 5.845, 98.788



100, 2.055, 99.225



83, 5.389, 2.482



53, 1.168, 99.231



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



86, 5.845, 98.788



98, 8.278, 98.603



86, 7.462, 120.806



45, 5.202, 98.448



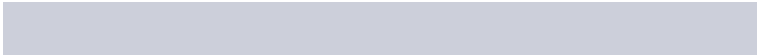
59, 63.638, 86.734



15, 21.491, 89.876

Inverse Universe

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



83, 5.896, 280.337



95, 8.358, 280.538



83, 7.569, 301.553



43, 5.257, 280.710



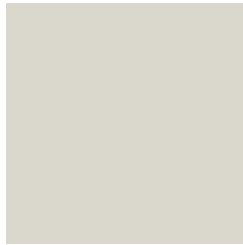
25, 85.939, 301.840



4, 25.273, 289.740

Previews

White Background



This preview shows how the CIELCh color 86, 5.843, 98.770 looks on a white background.

Color Contrast Check

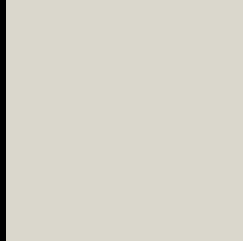
Large Text (above 18pt) WCAG AA × Fail

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 86, 5.843, 98.770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

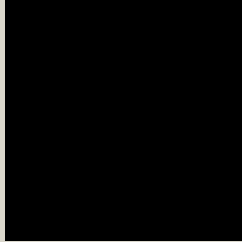
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

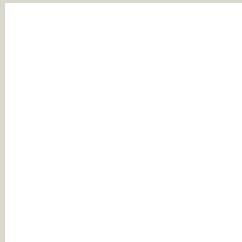
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 5.843, 98.770

Background



This preview shows how black text looks on a background with the CIELCh color 86, 5.843, 98.770.

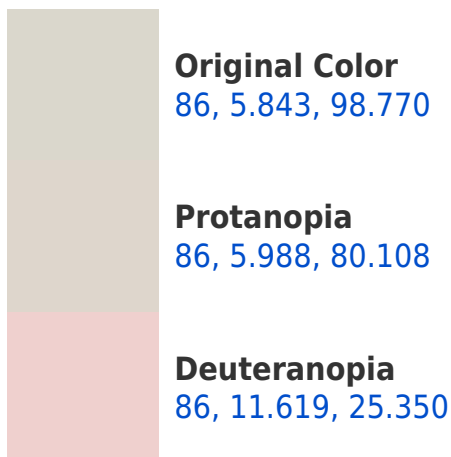


This preview shows how white text looks on a background with the CIELCh color 86, 5.843, 98.770.

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
86, 9.163, 313.584

Trichromacy



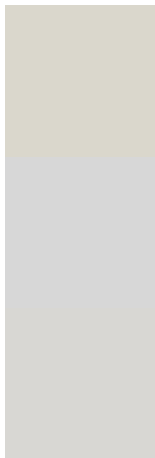
Original Color
86, 5.843, 98.770

Protanomaly
86, 5.815, 83.306

Deuteranomaly
86, 8.066, 42.660

Tritanomaly
86, 4.295, 332.492

Monochromacy



Original Color
86, 5.843, 98.770

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 2.112, 100.066

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 5.843, 98.770 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(218, 215, 204)` looks like.

```
.text, #text, p{  
    color:rgb(218, 215, 204)  
}
```

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(218, 215, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 215, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 5.843, 98.770 is called "border". The border property can be set on classes, ids or directly on the HTML element.

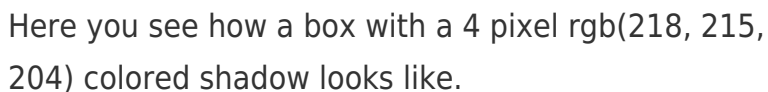
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 215, 204) }
```

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

```
.border{ border-color:rgb(218, 215, 204) }
```

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



Here you see how a box with a 4 pixel `rgb(218, 215, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 215, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 215, 204);  
box-shadow:4px 4px 4px 4px rgb(218, 215,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 5.843, 98.770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 215, 204) }
```

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

```
.background{ background-color: rgb(218,  
215, 204) }
```

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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