

Converting Colors

CIELCh(86, 19.863, 94.946)

Have a look what the booklet for
CIELCh(86, 19.863, 94.946) contains.

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Color

CIELCh(86, 19.844, 94.968)

Conversions

Conversions Part 1

Format	Color
Hex	E3D7B2
RGB	227, 215, 178
RGB Percent	89%, 84%, 70%
CMY	0.1107, 0.1577, 0.3028
CMYK	0.00, 0.05, 0.22, 0.11
HSL	45°, 46%, 79%
HSV	45°, 22%, 89%
XYZ	63.8649, 67.9871, 51.7627
YIQ	214.3700, 19.0290, -8.9630

Conversions

Conversions Part 2

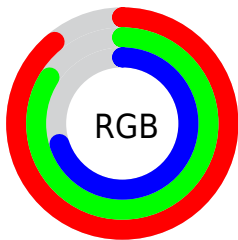
Format	Color
RYB	194, 227, 178
Decimal	14931890
CIELab	86.00, -1.72, 19.77
CIELCh	86, 19.844, 94.968
Yxy	67.9871, 0.3478, 0.3703
Android (android.graphics.Color)	4293121970 (0xFFE3D7B2)
YUV	214.3700, -17.9304, 11.0765
Hunter-Lab	82.4543, -6.0379, 20.4972

Details

The CIELCh color **86, 19.844, 94.968** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **77, 20.158, 280.542**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 10.630, 109.373**, and **66, 19.795, 94.762** is the 20% darker color. If you saturate the color by 10%, you get **84, 29.157, 93.718**, and if you desaturate by 10%, it is **88, 10.596, 96.191**.

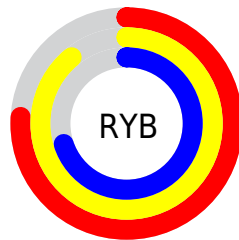
Distribution



Red (89%)

Green (84%)

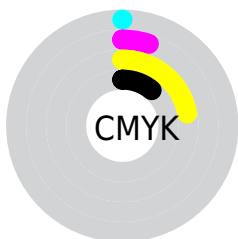
Blue (70%)



Red (76%)

Yellow (89%)

Blue (70%)

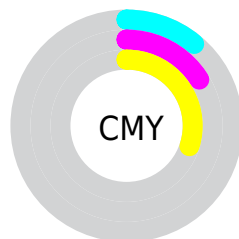


Cyan (0%)

Magenta (5%)

Yellow (22%)

Black (11%)



Cyan (11%)

Magenta (16%)

Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 19.844, 94.968 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, 19.844, 94.968 by changing the saturation by 10% instead.

 86, 19.844, 94.968

 86, 19.844, 94.968

 100, 19.844,
94.968

 76, 19.844, 94.968

 66, 19.844, 94.968

 56, 19.844, 94.968

 46, 19.844, 94.968

 36, 19.844, 94.968

 26, 19.844, 94.968

 16, 19.844, 94.968

 6, 19.844, 94.968

 0, 19.844, 94.968

86, 19.844, 94.968

86, 19.844, 94.968

84, 29.157, 93.718

88, 10.596, 96.191

82, 38.457, 92.428

90, 1.445, 97.255

81, 47.607, 91.110

92, 7.590, 278.560

79, 56.362, 89.758

93, 9.843, 270.311

77, 64.303, 88.356

95, 8.253, 250.271

76, 70.787, 86.859

96, 7.985, 225.453

74, 75.025, 85.183

98, 9.137, 203.282

73, 76.769, 83.596

98, 9.589, 198.869

Harmonies

Complementary

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



86, 19.844, 94.968



77, 20.158, 280.542

Rectangle

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



86, 19.844, 94.968



86, 19.844, 144.968



86, 19.844, 274.968



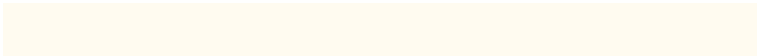
86, 19.844, 324.968

Sweetspot

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



86, 19.845, 94.975



99, 6.001, 96.837



77, 19.644, 1.763



53, 3.983, 96.763



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, 19.845, 94.975



95, 26.327, 94.405



88, 25.740, 118.550



46, 5.134, 96.446



58, 63.592, 83.969



15, 22.234, 87.022

Inverse Universe

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



77, 20.158, 280.542



83, 26.843, 281.303



75, 26.915, 301.446



44, 5.176, 278.773



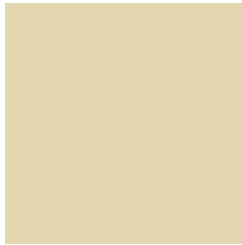
26, 83.778, 300.710



4, 26.315, 289.984

Previews

White Background



This preview shows how the CIELCh color 86, 19.844, 94.968 looks on a white background.

Color Contrast Check

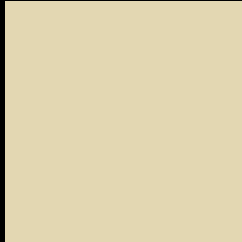
Large Text (above 18pt) WCAG AA × Fail

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 86, 19.844, 94.968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

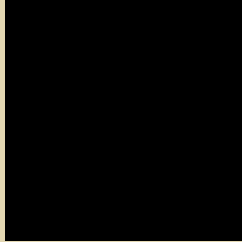
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

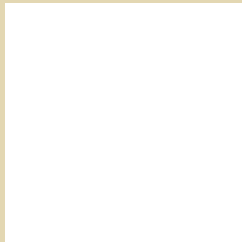
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 19.844, 94.968

Background



This preview shows how black text looks on a background with the CIELCh color 86, 19.844, 94.968.

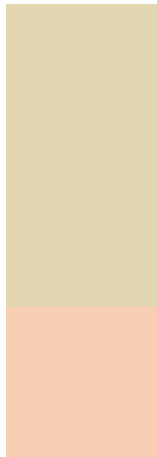


This preview shows how white text looks on a background with the CIELCh color 86, 19.844, 94.968.

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



Original Color


86, 19.844, 94.968

Protanopia

86, 19.844, 94.968

Deuteranopia

86, 21.924, 61.708



Tritanopia
86, 12.705, 335.829

Trichromacy



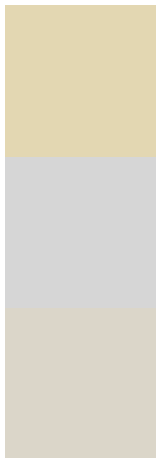
Original Color
86, 19.844, 94.968

Protanomaly
86, 19.844, 94.968

Deuteranomaly
86, 20.090, 73.097

Tritanomaly
86, 7.834, 27.550

Monochromacy



Original Color
86, 19.844, 94.968

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 7.033, 94.299

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 19.844, 94.968 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(227, 215, 178)` looks like.

```
.text, #text, p{  
    color:rgb(227, 215, 178)  
}
```

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(227, 215, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 215, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 19.844, 94.968 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(227, 215, 178) }
```

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

```
.border{ border-color:rgb(227, 215, 178) }
```

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

Here you see how a box with a 4 pixel rgb(227, 215, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 215, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 215, 178);  
box-shadow:4px 4px 4px 4px rgb(227, 215,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 19.844, 94.968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 215, 178) }
```

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

```
.background{ background-color: rgb(227,  
215, 178) }
```

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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