

Converting Colors

CIELCh(85, 19.994, 93.843)

Have a look what the booklet for
CIELCh(85, 19.994, 93.843) contains.

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Color

CIELCh(85, 19.994, 93.843)

Conversions

Conversions Part 1

Format	Color
Hex	E1D4AF
RGB	225, 212, 175
RGB Percent	88%, 83%, 69%
CMY	0.1187, 0.1696, 0.3147
CMYK	0.00, 0.06, 0.22, 0.12
HSL	44°, 45%, 78%
HSV	44°, 22%, 88%
XYZ	62.1601, 66.0070, 49.8918
YIQ	211.6690, 19.6250, -8.7510

Conversions

Conversions Part 2

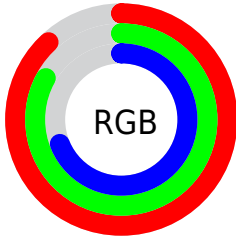
Format	Color
R _Y B	193, 225, 175
Decimal	14800047
CIE Lab	85.00, -1.34, 19.95
CIE LCh	85, 19.994, 93.843
Yxy	66.0070, 0.3491, 0.3707
Android (android.graphics.Color)	4292990127 (0xFFE1D4AF)
YUV	211.6690, -18.0778, 11.6913
Hunter-Lab	81.2447, -5.6083, 20.4617

Details

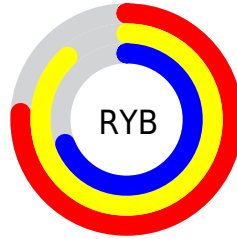
The CIELCh color **85, 19.994, 93.843** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **76, 20.255, 279.661**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 12.147, 109.259**, and **65, 20.374, 94.998** is the 20% darker color. If you saturate the color by 10%, you get **83, 29.132, 92.575**, and if you desaturate by 10%, it is **87, 10.933, 95.082**.

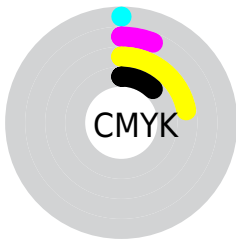
Distribution



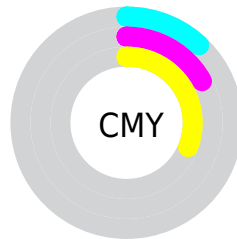
- Red (88%)
- Green (83%)
- Blue (69%)



- Red (76%)
- Yellow (88%)
- Blue (69%)



- Cyan (0%)
- Magenta (6%)
- Yellow (22%)
- Black (12%)



- Cyan (12%)
- Magenta (17%)
- Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 19.994, 93.843 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 85, 19.994, 93.843 by changing the saturation by 10% instead.

 85, 19.994, 93.843

 85, 19.994, 93.843

 100, 19.994,
93.843

 75, 19.994, 93.843

 65, 19.994, 93.843

 55, 19.994, 93.843

 45, 19.994, 93.843

 35, 19.994, 93.843

 25, 19.994, 93.843

 15, 19.994, 93.843

 5, 19.994, 93.843

 0, 19.994, 93.843

85, 19.994, 93.843

85, 19.994, 93.843

83, 29.132, 92.575

87, 10.933, 95.082

81, 38.272, 91.266

89, 1.981, 96.195

79, 47.280, 89.924

91, 6.848, 277.486

78, 55.911, 88.542

93, 10.782,
272.003

76, 63.744, 87.099

94, 8.977, 253.052

74, 70.128, 85.539

96, 8.490, 228.875

73, 74.265, 83.764

97, 9.503, 206.242

72, 75.906, 82.208

98, 10.259,
198.822

Harmonies

Complementary

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



85, 19.994, 93.843



76, 20.255, 279.661

Rectangle

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



85, 19.994, 93.843



85, 19.994, 143.843



85, 19.994, 273.843



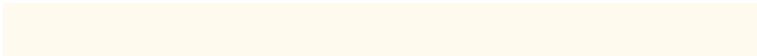
85, 19.994, 323.843

Sweetspot

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



85, 19.995, 93.850



98, 6.897, 95.697



76, 20.226, 0.634



52, 4.484, 95.626



0, 0.000, 0.000



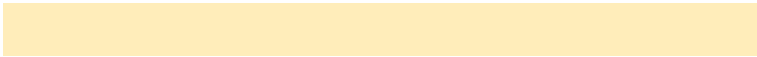
53, 0.007, 296.813

Same Dimension

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



85, 19.995, 93.850



94, 26.965, 93.224



87, 26.243, 117.833



46, 5.054, 95.417



57, 63.296, 82.595



15, 21.958, 85.669

Inverse Universe

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



76, 20.255, 279.661



82, 27.407, 280.504



74, 27.500, 300.914



44, 5.089, 277.771



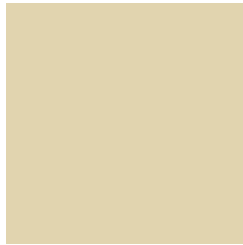
27, 82.148, 300.085



4, 25.959, 289.492

Previews

White Background



This preview shows how the CIELCh color 85, 19.994, 93.843 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 85, 19.994, 93.843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

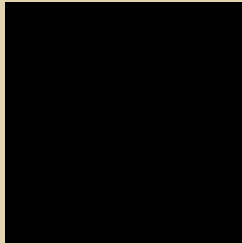
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

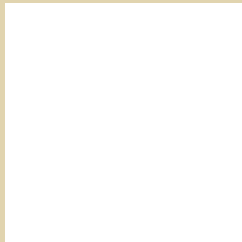
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 19.994, 93.843

Background



This preview shows how black text looks on a background with the CIELCh color 85, 19.994, 93.843.

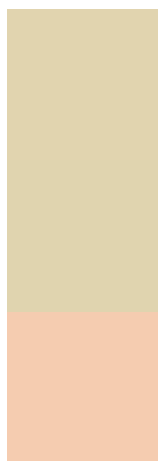


This preview shows how white text looks on a background with the CIELCh color 85, 19.994, 93.843.

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

85, 19.994, 93.843

Protanopia

85, 19.897, 94.934

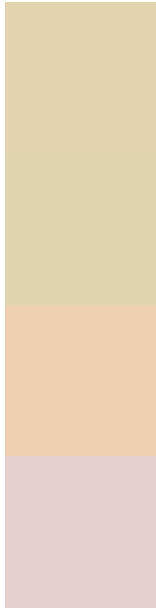
Deuteranopia

85, 21.997, 61.676



Tritanopia
85, 12.648, 338.737

Trichromacy



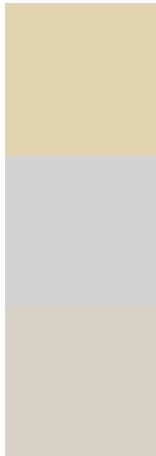
Original Color
85, 19.994, 93.843

Protanomaly
85, 19.897, 94.934

Deuteranomaly
85, 20.393, 72.163

Tritanomaly
85, 8.329, 30.785

Monochromacy



Original Color
85, 19.994, 93.843

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 7.052, 94.287

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 19.994, 93.843 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(225, 212, 175)` looks like.

```
.text, #text, p{  
    color:rgb(225, 212, 175)  
}
```

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(225, 212, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 212, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 19.994, 93.843 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(225, 212, 175) }
```

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

```
.border{ border-color:rgb(225, 212, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 212, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 212, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 212, 175);  
box-shadow:4px 4px 4px 4px rgb(225, 212,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 19.994, 93.843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 212, 175) }
```

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

```
.background{ background-color: rgb(225,  
212, 175) }
```

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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