

Converting Colors

CIELCh(85, 9.604, 91.780)

Have a look what the booklet for
CIELCh(85, 9.604, 91.780) contains.

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Color

CIELCh(85, 9.774, 93.756)

Conversions

Conversions Part 1

Format	Color
Hex	DBD4C2
RGB	219, 212, 194
RGB Percent	86%, 83%, 76%
CMY	0.1414, 0.1688, 0.2394
CMYK	0.00, 0.03, 0.11, 0.14
HSL	43°, 26%, 81%
HSV	43°, 11%, 86%
XYZ	62.4613, 66.0070, 60.4583
YIQ	212.0410, 9.9500, -4.1140

Conversions

Conversions Part 2

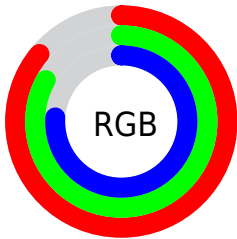
Format	Color
RYB	204, 219, 194
Decimal	14406850
CIELab	85.00, -0.64, 9.75
CIElCh	85, 9.774, 93.756
Yxy	66.0070, 0.3306, 0.3494
Android (android.graphics.Color)	4292596930 (0xFFDBD4C2)
YUV	212.0410, -8.8942, 6.1030
Hunter-Lab	81.2447, -4.9466, 12.7506

Details

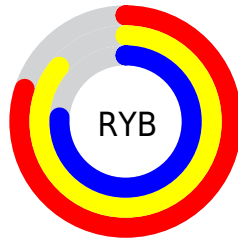
The CIELCh color $85, 9.774, 93.756$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $81, 9.827, 276.661$, and the grayscale version is $85, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 2.525, 109.959$, and $65, 9.811, 92.540$ is the 20% darker color. If you saturate the color by 10%, you get $83, 18.481, 92.525$, and if you desaturate by 10%, it is $87, 1.196, 94.818$.

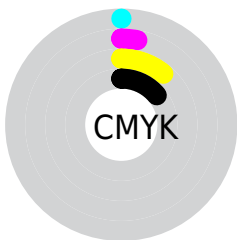
Distribution



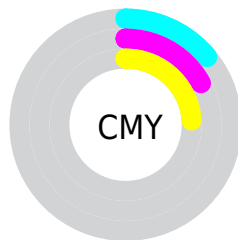
- Red (86%)
- Green (83%)
- Blue (76%)



- Red (80%)
- Yellow (86%)
- Blue (76%)



- Cyan (0%)
- Magenta (3%)
- Yellow (11%)
- Black (14%)



- Cyan (14%)
- Magenta (17%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 9.774, 93.756 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, 9.774, 93.756 by changing the saturation by 10% instead.



 85, 9.774, 93.756	 85, 9.774, 93.756
 83, 18.481, 92.525	 87, 1.196, 94.818
 81, 27.285, 91.236	 89, 7.249, 276.196
 79, 36.127, 89.909	 91, 13.256, 274.438
 77, 44.891, 88.546	
 75, 53.358, 87.138	 93, 11.111, 258.936
 74, 61.147, 85.659	 94, 10.072, 238.513
 72, 67.646, 84.050	
 70, 72.062, 82.201	 96, 10.449, 216.879
 69, 74.071, 80.376	 98, 12.088, 199.080
	 98, 12.142, 198.695

Harmonies

Complementary

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



85, 9.774, 93.756



81, 9.827, 276.661

Rectangle

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



85, 9.774, 93.756



85, 9.774, 143.756



85, 9.774, 273.756



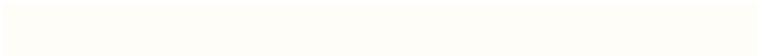
85, 9.774, 323.756

Sweetspot

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



85, 9.775, 93.768



99, 2.880, 94.725



81, 10.013, 358.180



53, 2.186, 94.646



0, 0.000, 0.000



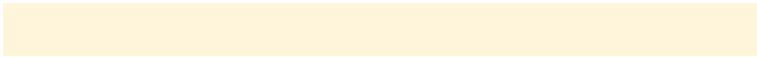
53, 0.007, 296.813

Same Dimension

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



85, 9.775, 93.768



97, 13.595, 93.438



86, 13.199, 117.884



45, 4.858, 94.007



56, 62.300, 80.786



14, 20.290, 83.952

Inverse Universe

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



81, 9.827, 276.661



91, 13.674, 277.044



80, 13.522, 299.435



43, 4.883, 276.392



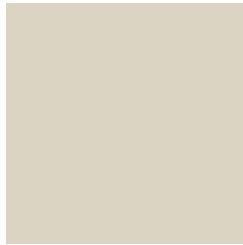
27, 78.990, 299.162



4, 23.895, 287.618

Previews

White Background



This preview shows how the CIELCh color 85, 9.774, 93.756 looks on a white background.

Color Contrast Check

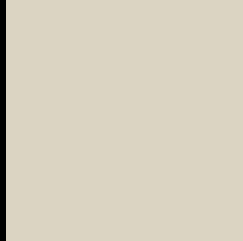
Large Text (above 18pt) WCAG AA × Fail

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, 9.774, 93.756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

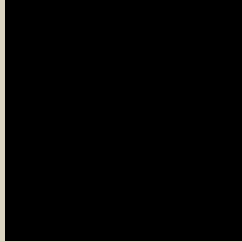
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

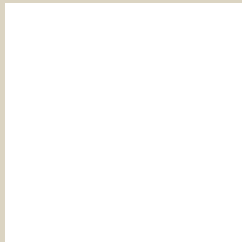
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 9.774, 93.756

Background



This preview shows how black text looks on a background with the CIELCh color 85, 9.774, 93.756.

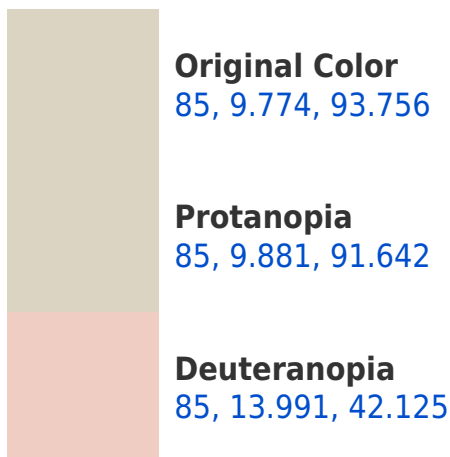


This preview shows how white text looks on a background with the CIELCh color 85, 9.774, 93.756.

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](#).

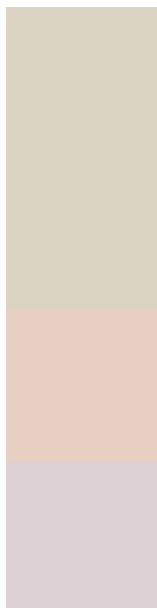
Dichromacy





Tritanopia
85, 10.031, 323.093

Trichromacy



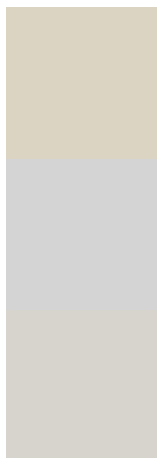
Original Color
85, 9.774, 93.756

Protanomaly
85, 9.881, 91.642

Deuteranomaly
85, 11.373, 56.531

Tritanomaly
85, 5.197, 355.876

Monochromacy



Original Color
85, 9.774, 93.756

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 3.816, 93.077

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 9.774, 93.756 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(219, 212, 194)` looks like.

```
.text, #text, p{  
    color:rgb(219, 212, 194)  
}
```

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(219, 212, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 212, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 9.774, 93.756 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(219, 212, 194) }
```

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

```
.border{ border-color:rgb(219, 212, 194) }
```

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

Here you see how a box with a 4 pixel rgb(219, 212, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 212, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 212, 194);  
box-shadow:4px 4px 4px 4px rgb(219, 212,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 9.774, 93.756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 212, 194) }
```

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

```
.background{ background-color: rgb(219,  
212, 194) }
```

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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