

Converting Colors

CIELCh(84, 18.210, 86.075)

Have a look what the booklet for
CIELCh(84, 18.210, 86.075) contains.

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Color

CIELCh(84, 17.739, 85.490)

Conversions

Conversions Part 1

Format	Color
Hex	E1CFB0
RGB	225, 207, 176
RGB Percent	88%, 81%, 69%
CMY	0.1159, 0.1865, 0.3081
CMYK	0.00, 0.08, 0.22, 0.12
HSL	38°, 45%, 79%
HSV	38°, 22%, 88%
XYZ	61.4857, 64.0658, 50.4187
YIQ	208.8480, 20.6790, -5.8250

Conversions

Conversions Part 2

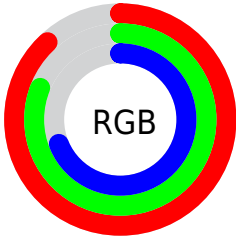
Format	Color
RYB	204, 225, 176
Decimal	14798768
CIELab	84.00, 1.39, 17.68
CIELCh	84, 17.739, 85.490
Yxy	64.0658, 0.3494, 0.3641
Android (android.graphics.Color)	4292988848 (0xFFE1CFB0)
YUV	208.8480, -16.1941, 14.1653
Hunter-Lab	80.0411, -2.9524, 18.6814

Details

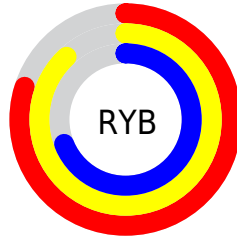
The CIELCh color $84, 17.739, 85.490$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $78, 17.491, 271.522$, and the grayscale version is $84, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 11.641, 109.297$, and $64, 17.969, 86.494$ is the 20% darker color. If you saturate the color by 10%, you get $81, 26.226, 84.150$, and if you desaturate by 10%, it is $87, 9.455, 86.797$.

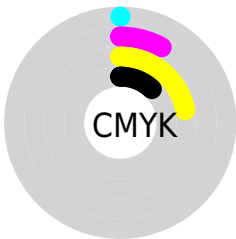
Distribution



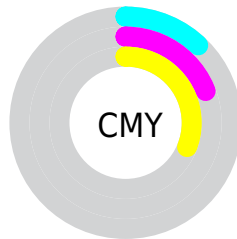
- Red (88%)
- Green (81%)
- Blue (69%)



- Red (80%)
- Yellow (88%)
- Blue (69%)



- Cyan (0%)
- Magenta (8%)
- Yellow (22%)
- Black (12%)



- Cyan (12%)
- Magenta (19%)
- Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 17.739, 85.490 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, 17.739, 85.490 by changing the saturation by 10% instead.

 84, 17.739, 85.490

 84, 17.739, 85.490

 100, 17.739,
85.490

 74, 17.739, 85.490

 64, 17.739, 85.490

 54, 17.739, 85.490

 44, 17.739, 85.490

 34, 17.739, 85.490

 24, 17.739, 85.490

 14, 17.739, 85.490

 4, 17.739, 85.490

 0, 17.739, 85.490

84, 17.739, 85.490

84, 17.739, 85.490

81, 26.226, 84.150

87, 9.455, 86.797

79, 34.877, 82.760

89, 1.378, 87.887

77, 43.606, 81.326

92, 6.496, 269.364

74, 52.229, 79.828

94, 8.928, 255.755

72, 60.397, 78.220

96, 8.470, 220.930

70, 67.496, 76.401

98, 10.026,
198.838

68, 72.638, 74.186

66, 75.213, 71.999

Harmonies

Complementary

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



84, 17.739, 85.490



78, 17.491, 271.522

Rectangle

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



84, 17.739, 85.490



84, 17.739, 135.490



84, 17.739, 265.490



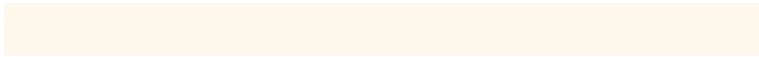
84, 17.739, 315.490

Sweetspot

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



84, 17.740, 85.498



98, 6.186, 87.378



77, 20.894, 352.596



52, 4.023, 87.305



0, 0.000, 0.000



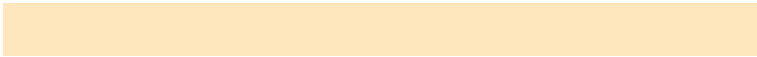
53, 0.007, 296.813

Same Dimension

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



84, 17.740, 85.498



93, 23.575, 84.906



88, 25.415, 113.032



46, 4.540, 87.086



53, 62.474, 72.564



13, 20.395, 75.014

Inverse Universe

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



78, 17.491, 271.522



85, 23.168, 272.316



74, 26.710, 296.767



44, 4.521, 269.606



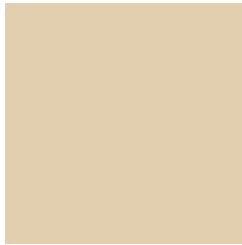
32, 69.772, 294.448



6, 23.099, 284.853

Previews

White Background



This preview shows how the CIELCh color 84, 17.739, 85.490 looks on a white background.

Color Contrast Check

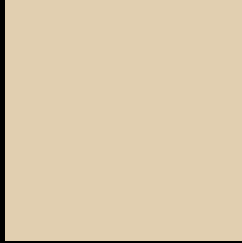
Large Text (above 18pt) WCAG AA × Fail

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, 17.739, 85.490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

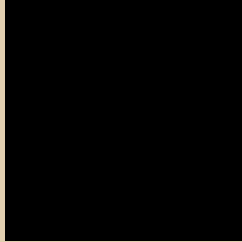
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 17.739, 85.490

Background



This preview shows how black text looks on a background with the CIELCh color 84, 17.739, 85.490.

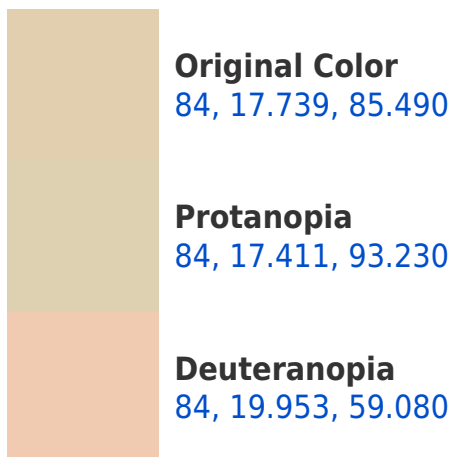


This preview shows how white text looks on a background with the CIELCh color 84, 17.739, 85.490.

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](#).

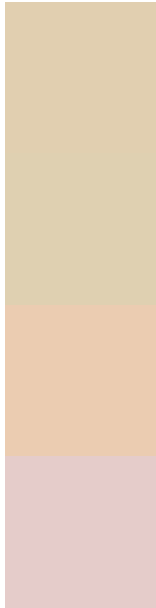
Dichromacy





Tritanopia
84, 13.204, 343.753

Trichromacy



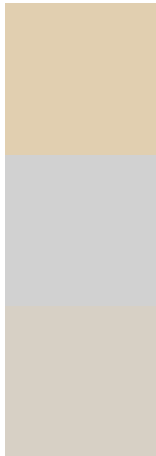
Original Color
84, 17.739, 85.490

Protanomaly
84, 17.284, 89.079

Deuteranomaly
84, 18.756, 68.653

Tritanomaly
84, 9.388, 26.445

Monochromacy



Original Color
84, 17.739, 85.490

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 6.325, 85.322

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 17.739, 85.490 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, 207, 176)` looks like.

```
.text, #text, p{  
    color:rgb(225, 207, 176)  
}
```

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, 207, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 207, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 17.739, 85.490 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, 207, 176) }
```

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

```
.border{ border-color:rgb(225, 207, 176) }
```

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

Here you see how a box with a 4 pixel rgb(225, 207, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 207, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 207, 176);  
box-shadow:4px 4px 4px 4px rgb(225, 207,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 17.739, 85.490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 207, 176) }
```

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

```
.background{ background-color: rgb(225,  
207, 176) }
```

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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