

Converting Colors

CIELCh(85, 17.369, 135.264)

Have a look what the booklet for
CIELCh(85, 17.369, 135.264)
contains.

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Color

CIELCh(85, 16.951, 134.834)

Conversions

Conversions Part 1

Format	Color
Hex	C6DABD
RGB	198, 218, 189
RGB Percent	78%, 85%, 74%
CMY	0.2225, 0.1440, 0.2578
CMYK	0.09, 0.00, 0.13, 0.14
HSL	101°, 28%, 80%
HSV	101°, 13%, 86%
XYZ	57.7113, 66.0070, 57.9904
YIQ	208.7140, -2.6110, -13.2590

Conversions

Conversions Part 2

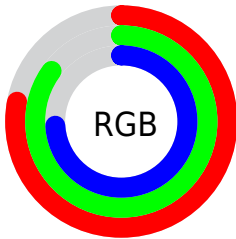
Format	Color
RYB	189, 218, 209
Decimal	13032125
CIELab	85.00, -11.95, 12.02
CIELCh	85, 16.951, 134.834
Yxy	66.0070, 0.3176, 0.3633
Android (android.graphics.Color)	4291222205 (0xFFC6DABD)
YUV	208.7140, -9.7190, -9.3962
Hunter-Lab	81.2447, -15.3827, 14.5516

Details

The CIELCh color **85, 16.951, 134.834** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **79, 17.138, 315.954**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 5.059, 109.785**, and **65, 16.743, 135.132** is the 20% darker color. If you saturate the color by 10%, you get **84, 29.763, 134.337**, and if you desaturate by 10%, it is **87, 4.172, 135.316**.

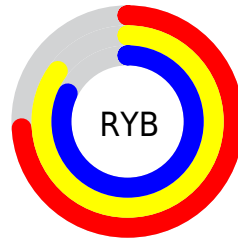
Distribution



Red (78%)

Green (85%)

Blue (74%)



Red (74%)

Yellow (85%)

Blue (82%)

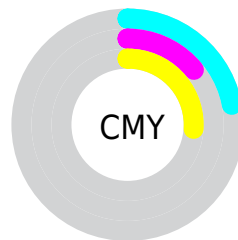


Cyan (9%)

Magenta (0%)

Yellow (13%)

Black (14%)



Cyan (22%)


Magenta (14%)


Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 16.951, 134.834 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, 16.951, 134.834 by changing the saturation by 10% instead.


 85, 16.951,
134.834


 85, 16.951,
134.834


 100, 16.951,
134.834


 75, 16.951,
134.834

 65, 16.951,
134.834

 55, 16.951,
134.834

 45, 16.951,
134.834

 35, 16.951,
134.834

 25, 16.951,
134.834

 15, 16.951,

134.834

■ 5, 16.951, 134.834

■ 0, 16.951, 134.834

■ 85, 16.951,
134.834

■ 85, 16.951,
134.834

■ 84, 29.763,
134.337

■ 87, 4.172, 135.316

■ 82, 42.469,
133.802

■ 88, 8.484, 315.644

■ 81, 54.886,
133.249

■ 90, 20.952,
316.005

■ 80, 66.754,
132.719

■ 91, 23.000,
325.225

■ 79, 77.713,

132.277

■ 78, 87.288,
132.027

■ 78, 94.926,
132.098

■ 77, 100.173,
132.599

■ 77, 102.534,
133.100

Harmonies

Complementary

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



85, 16.951, 134.834



79, 17.138, 315.954

Rectangle

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



85, 16.951, 134.834



85, 16.951, 184.834



85, 16.951, 314.834



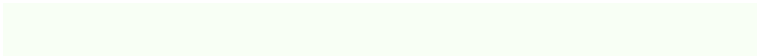
85, 16.951, 4.834

Sweetspot

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



85, 16.953, 134.836



99, 5.759, 135.276



84, 10.960, 90.765



53, 4.095, 135.238



0, 0.000, 0.000



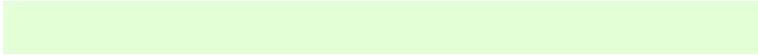
53, 0.007, 296.813

Same Dimension

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



85, 16.953, 134.836



97, 23.173, 134.698



85, 16.422, 149.091



45, 7.257, 135.018



62, 86.144, 132.897



16, 31.056, 134.074

Inverse Universe

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



79, 17.138, 315.954



89, 23.473, 316.080



80, 16.472, 330.754



43, 7.319, 315.784



32, 89.829, 317.085



4, 32.737, 316.940

Previews

White Background



This preview shows how the CIELCh color 85, 16.951, 134.834 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 85, 16.951, 134.834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

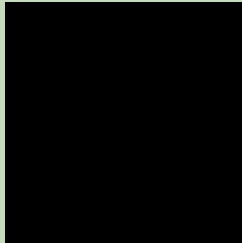
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

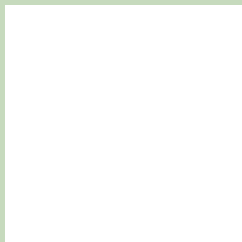
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 16.951, 134.834

Background



This preview shows how black text looks on a background with the CIELCh color 85, 16.951, 134.834.



This preview shows how white text looks on a background with the CIELCh color 85, 16.951, 134.834.

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](#).

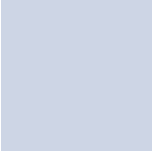
Dichromacy



Original Color
85, 16.951, 134.834

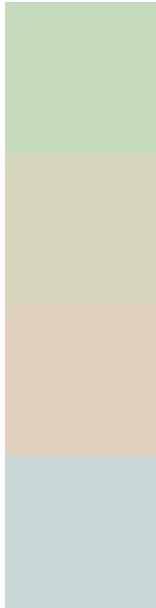
Protanopia
85, 13.745, 91.255

Deuteranopia
85, 15.195, 44.605



Tritanopia
85, 8.807, 272.540

Trichromacy



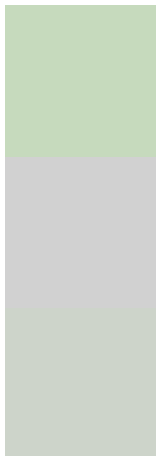
Original Color
85, 16.951, 134.834

Protanomaly
85, 14.126, 110.492

Deuteranomaly
85, 11.222, 76.604

Tritanomaly
85, 4.269, 199.234

Monochromacy



Original Color
85, 16.951, 134.834

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 5.866, 135.569

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 16.951, 134.834 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(198, 218, 189)` looks like.

```
.text, #text, p{  
    color:rgb(198, 218, 189)  
}
```

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(198, 218, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 218, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 16.951, 134.834 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(198, 218, 189) }
```

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

```
.border{ border-color:rgb(198, 218, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 218, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 218, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 218, 189);  
box-shadow:4px 4px 4px 4px rgb(198, 218,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 16.951, 134.834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 218, 189) }
```

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

```
.background{ background-color: rgb(198,  
218, 189) }
```

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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