

Converting Colors

CIELCh(85, 18.229, 140.072)

Have a look what the booklet for
CIELCh(85, 18.229, 140.072)
contains.

CIELCh(85, 17.844, 139.974)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(85, 17.844, 139.974)

Conversions

Conversions Part 1

Format	Color
Hex	C2DBBE
RGB	194, 219, 190
RGB Percent	76%, 86%, 75%
CMY	0.2383, 0.1403, 0.2540
CMYK	0.11, 0.00, 0.13, 0.14
HSL	112°, 29%, 80%
HSV	112°, 13%, 86%
XYZ	57.0138, 66.0070, 58.5770
YIQ	208.2190, -5.5910, -14.3190

Conversions

Conversions Part 2

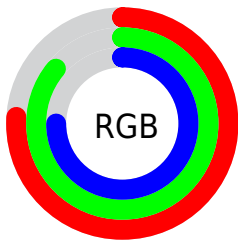
Format	Color
RYB	190, 219, 215
Decimal	12770238
CIELab	85.00, -13.66, 11.48
CIElCh	85, 17.844, 139.974
Yxy	66.0070, 0.3140, 0.3635
Android (android.graphics.Color)	4290960318 (0xFFC2DBBE)
YUV	208.2190, -8.9820, -12.4701
Hunter-Lab	81.2447, -16.9152, 14.1235

Details

The CIELCh color $85, 17.844, 139.974$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $80, 17.933, 321.240$, and the grayscale version is $84, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 4.785, 126.967$, and $65, 17.704, 140.544$ is the 20% darker color. If you saturate the color by 10%, you get $83, 31.421, 139.369$, and if you desaturate by 10%, it is $87, 4.327, 140.538$.

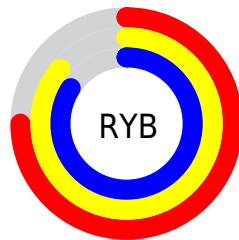
Distribution



Red (76%)

Green (86%)

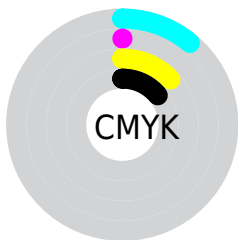
Blue (75%)



Red (75%)

Yellow (86%)

Blue (84%)

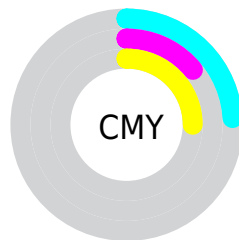


Cyan (11%)

Magenta (0%)

Yellow (13%)

Black (14%)



Cyan (24%)


Magenta (14%)


Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 17.844, 139.974 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, 17.844, 139.974 by changing the saturation by 10% instead.


 85, 17.844,
139.974


 85, 17.844,
139.974


 100, 17.844,
139.974


 75, 17.844,
139.974

 65, 17.844,
139.974

 55, 17.844,
139.974

 45, 17.844,
139.974

 35, 17.844,
139.974

 25, 17.844,
139.974

 15, 17.844,

139.974

■ 5, 17.844, 139.974

■ 0, 17.844, 139.974

■ 85, 17.844,
139.974

■ 85, 17.844,
139.974

■ 83, 31.421,
139.369

■ 87, 4.327, 140.538

■ 82, 44.878,
138.687

■ 89, 9.013, 320.903

■ 81, 57.980,
137.936

■ 91, 21.649,
321.983

■ 79, 70.410,
137.145

■ 91, 22.395,
325.204

■ 78, 81.753,

136.372

■ 78, 91.486,
135.716

■ 77, 99.028,
135.305

■ 77, 103.915,
135.256

■ 77, 105.898,
135.355

Harmonies

Complementary

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



85, 17.844, 139.974



80, 17.933, 321.240

Rectangle

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



85, 17.844, 139.974



85, 17.844, 189.974



85, 17.844, 319.974



85, 17.844, 9.974

Sweetspot

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



85, 17.846, 139.975



99, 6.059, 140.488



86, 12.977, 101.792



53, 4.309, 140.443



0, 0.000, 0.000



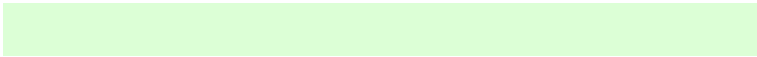
53, 0.007, 296.813

Same Dimension

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



85, 17.846, 139.975



97, 24.423, 139.807



85, 14.508, 155.409



45, 7.642, 140.187



62, 88.763, 135.244



15, 32.475, 137.615

Inverse Universe

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



80, 17.933, 321.240



90, 24.558, 321.379



80, 14.626, 337.318



43, 7.674, 321.056



37, 87.475, 322.964



6, 33.936, 323.364

Previews

White Background



This preview shows how the CIELCh color 85, 17.844, 139.974 looks on a white background.

Color Contrast Check

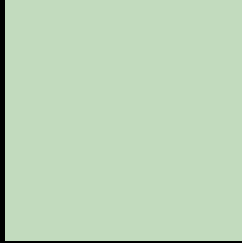
Large Text (above 18pt) WCAG AA × Fail

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, 17.844, 139.974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

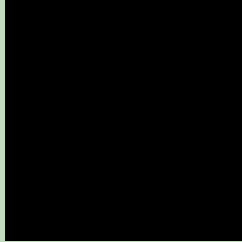
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

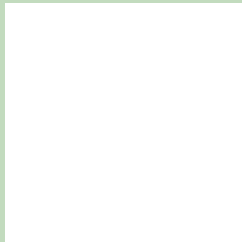
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 17.844, 139.974

Background



This preview shows how black text looks on a background with the CIELCh color 85, 17.844, 139.974.

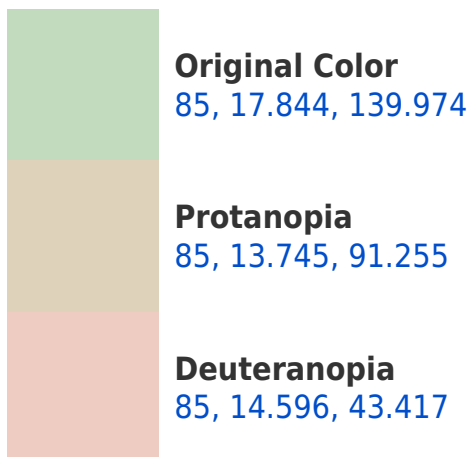


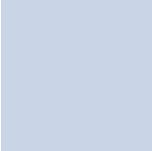
This preview shows how white text looks on a background with the CIELCh color 85, 17.844, 139.974.

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](#).

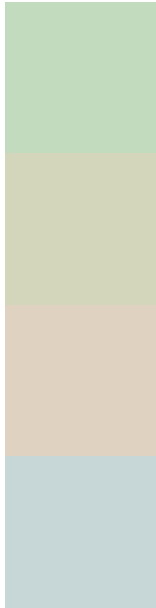
Dichromacy





Tritanopia
85, 9.768, 265.914

Trichromacy



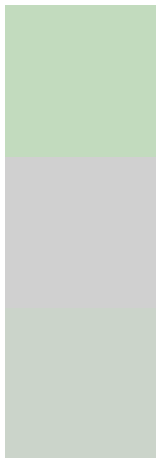
Original Color
85, 17.844, 139.974

Protanomaly
85, 13.625, 112.177

Deuteranomaly
85, 10.632, 81.813

Tritanomaly
85, 5.670, 204.440

Monochromacy



Original Color
85, 17.844, 139.974

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 6.228, 141.519

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 17.844, 139.974 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(194, 219, 190)` looks like.

```
.text, #text, p{  
    color:rgb(194, 219, 190)  
}
```

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(194, 219, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 219, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 17.844, 139.974 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(194, 219, 190) }
```

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

```
.border{ border-color:rgb(194, 219, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 219, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 219, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 219, 190);  
box-shadow:4px 4px 4px 4px rgb(194, 219,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 17.844, 139.974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 219, 190) }
```

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

```
.background{ background-color: rgb(194,  
219, 190) }
```

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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