

Converting Colors

CIELCh(85, 30.969, 147.410)

Have a look what the booklet for
CIELCh(85, 30.969, 147.410)
contains.

CIELCh(85, 30.847, 147.682)	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, 30.847, 147.682)

Conversions

Conversions Part 1

Format	Color
Hex	ABE1B4
RGB	171, 225, 180
RGB Percent	67%, 88%, 71%
CMY	0.3283, 0.1165, 0.2930
CMYK	0.24, 0.00, 0.20, 0.12
HSL	130°, 48%, 78%
HSV	130°, 24%, 88%
XYZ	52.1288, 66.0070, 53.3241
YIQ	203.7240, -17.7390, -25.4430

Conversions

Conversions Part 2

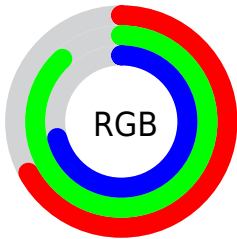
Format	Color
RYB	171, 217, 225
Decimal	11264436
CIELab	85.00, -26.07, 16.49
CIELCh	85, 30.847, 147.682
Yxy	66.0070, 0.3040, 0.3850
Android (android.graphics.Color)	4289454516 (0xFFABE1B4)
YUV	203.7240, -11.6959, -28.6989
Hunter-Lab	81.2447, -27.6478, 17.9569

Details

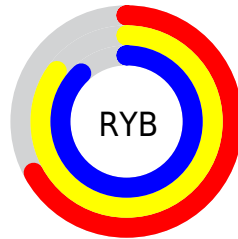
The CIELCh color $85, 30.847, 147.682$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $76, 30.945, 330.863$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 13.892, 154.392$, and $65, 30.490, 147.497$ is the 20% darker color. If you saturate the color by 10%, you get $83, 43.610, 146.755$, and if you desaturate by 10%, it is $87, 17.939, 148.483$.

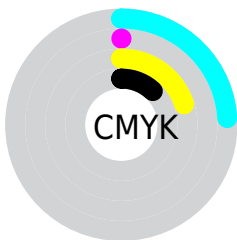
Distribution



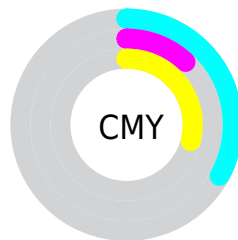
- Red (67%)
- Green (88%)
- Blue (71%)



- Red (67%)
- Yellow (85%)
- Blue (88%)



- Cyan (24%)
- Magenta (0%)
- Yellow (20%)
- Black (12%)





- Cyan (33%)
- Magenta (12%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 30.847, 147.682 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, 30.847, 147.682 by changing the saturation by 10% instead.


 85, 30.847,
147.682


 85, 30.847,
147.682


 100, 30.847,
147.682


 75, 30.847,
147.682

 65, 30.847,
147.682

 55, 30.847,
147.682

 45, 30.847,
147.682

 35, 30.847,
147.682


 25, 30.847,
147.682


 15, 30.847,


147.682

 5, 30.847, 147.682


 0, 30.847, 147.682

 85, 30.847,
147.682


 85, 30.847,
147.682

 83, 43.610,
146.755


 87, 17.939,
148.483


 82, 55.991,
145.684

 89, 5.065, 149.210

 81, 67.715,
144.456

 91, 7.633, 329.688

 80, 78.479,
143.077

 93, 18.575,
325.069

 79, 87.965,

141.575

■ 79, 95.870,
140.015

■ 79, 101.928,
138.505

■ 79, 104.675,
137.720

Harmonies

Complementary

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



85, 30.847, 147.682



76, 30.945, 330.863

Rectangle

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



85, 30.847, 147.682



85, 30.847, 197.682



85, 30.847, 327.682



85, 30.847, 17.682

Sweetspot

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



85, 30.849, 147.682



98, 9.893, 148.983



88, 28.054, 114.261



52, 6.431, 148.940



0, 0.000, 0.000



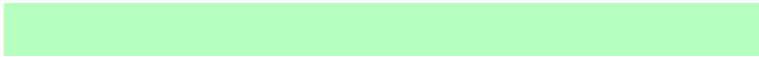
53, 0.007, 296.813

Same Dimension

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



85, 30.849, 147.682



94, 41.233, 147.215



86, 21.424, 170.285



46, 7.247, 148.813



63, 86.516, 137.962



16, 32.370, 142.450

Inverse Universe

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



76, 30.945, 330.863



82, 41.354, 331.202



75, 22.706, 355.053



44, 7.267, 329.934



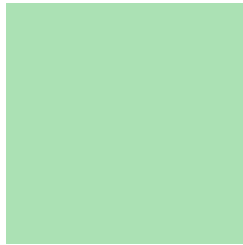
40, 76.861, 336.157



7, 32.098, 334.652

Previews

White Background



This preview shows how the CIELCh color 85, 30.847, 147.682 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, 30.847, 147.682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

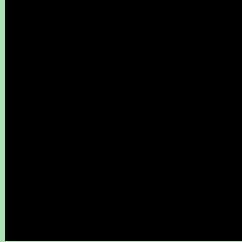
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 30.847, 147.682

Background



This preview shows how black text looks on a background with the CIELCh color 85, 30.847, 147.682.

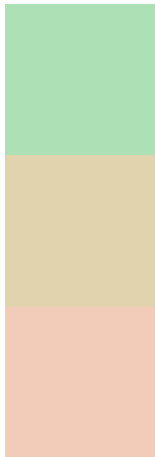


This preview shows how white text looks on a background with the CIELCh color 85, 30.847, 147.682.

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, 30.847, 147.682

Protanopia
85, 20.518, 94.133

Deuteranopia
85, 17.883, 53.869

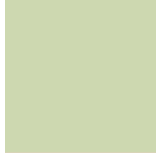


Tritanopia
85, 14.952, 235.661

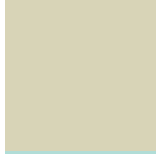
Trichromacy



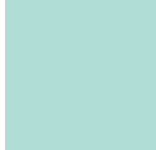
Original Color
85, 30.847, 147.682



Protanomaly
85, 21.311, 119.748



Deuteranomaly
85, 15.251, 103.114

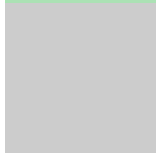


Tritanomaly
85, 15.560, 186.587

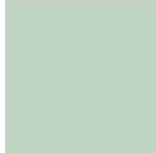
Monochromacy



Original Color
85, 30.847, 147.682



Achromatopsia
82, 0.010, 296.813



Achromatomaly
83, 11.634, 148.275

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 30.847, 147.682 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(171, 225, 180)` looks like.

```
.text, #text, p{  
    color:rgb(171, 225, 180)  
}
```

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(171, 225, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 225, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 30.847, 147.682 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(171, 225, 180) }
```

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

```
.border{ border-color:rgb(171, 225, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 225, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 225, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 225, 180);  
box-shadow:4px 4px 4px 4px rgb(171, 225,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 30.847, 147.682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 225, 180) }
```

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

```
.background{ background-color: rgb(171,  
225, 180) }
```

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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