

Converting Colors

CIELCh(85, 34.880, 143.096)

Have a look what the booklet for
CIELCh(85, 34.880, 143.096)
contains.

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Color

CIELCh(85, 34.844, 143.294)

Conversions

Conversions Part 1

Format	Color
Hex	ABE2AC
RGB	171, 226, 172
RGB Percent	67%, 89%, 67%
CMY	0.3295, 0.1138, 0.3256
CMYK	0.24, 0.00, 0.24, 0.11
HSL	121°, 49%, 78%
HSV	121°, 24%, 89%
XYZ	51.4190, 66.0070, 49.0448
YIQ	203.3990, -15.4460, -28.4540

Conversions

Conversions Part 2

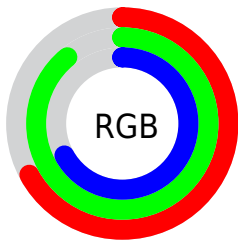
Format	Color
RYB	171, 225, 226
Decimal	11264684
CIELab	85.00, -27.93, 20.83
CIELCh	85, 34.844, 143.294
Yxy	66.0070, 0.3089, 0.3965
Android (android.graphics.Color)	4289454764 (0xFFABE2AC)
YUV	203.3990, -15.4797, -28.4139
Hunter-Lab	81.2447, -29.2074, 21.0798

Details

The CIELCh color $85, 34.844, 143.294$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $77, 34.862, 326.266$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $97, 17.062, 144.757$, and $65, 34.900, 143.282$ is the 20% darker color. If you saturate the color by 10%, you get $83, 49.012, 142.414$, and if you desaturate by 10%, it is $87, 20.482, 144.054$.

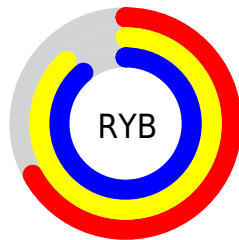
Distribution



Red (67%)

Green (89%)

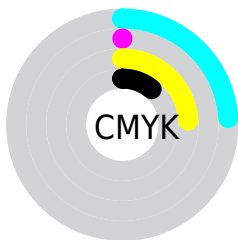
Blue (67%)



Red (67%)

Yellow (88%)

Blue (89%)

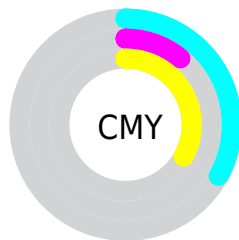


Cyan (24%)

Magenta (0%)

Yellow (24%)

Black (11%)



Cyan (33%)

Magenta (11%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 34.844, 143.294 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, 34.844, 143.294 by changing the saturation by 10% instead.

 85, 34.844,
143.294

 85, 34.844,
143.294

 100, 34.844,
143.294

 75, 34.844,
143.294

 65, 34.844,
143.294

 55, 34.844,
143.294

 45, 34.844,
143.294

 35, 34.844,
143.294


 25, 34.844,
143.294


 15, 34.844,

143.294


 5, 34.844, 143.294

 0, 34.844, 143.294

 85, 34.844,
143.294


 85, 34.844,
143.294

 83, 49.012,
142.414


 87, 20.482,
144.054


 82, 62.674,
141.408

 89, 6.154, 144.728

 81, 75.447,
140.292

 91, 7.971, 325.188

 80, 86.863,
139.115

 93, 18.152,
325.054

 79, 96.386,

137.970

■ 79, 103.468,
136.995

■ 79, 107.721,
136.329

■ 79, 109.017,
136.131

Harmonies

Complementary

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



85, 34.844, 143.294



77, 34.862, 326.266

Rectangle

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



85, 34.844, 143.294



85, 34.844, 193.294



85, 34.844, 323.294



85, 34.844, 13.294

Sweetspot

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



85, 34.846, 143.294



98, 10.976, 144.547



89, 28.343, 108.537



52, 7.136, 144.507



0, 0.000, 0.000



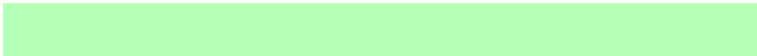
53, 0.007, 296.813

Same Dimension

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



85, 34.846, 143.294



94, 45.758, 142.883



86, 24.069, 162.344



46, 8.042, 144.389



63, 90.332, 136.173



16, 34.936, 139.778

Inverse Universe

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



77, 34.862, 326.266



83, 45.757, 326.531



76, 24.876, 346.791



44, 8.054, 325.429



42, 86.258, 328.965



8, 35.494, 328.838

Previews

White Background



This preview shows how the CIELCh color 85, 34.844, 143.294 looks on a white background.

Color Contrast Check

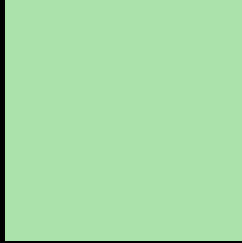
Large Text (above 18pt) WCAG AA × Fail

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, 34.844, 143.294 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

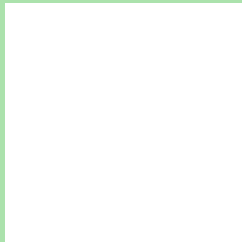
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 34.844, 143.294

Background



This preview shows how black text looks on a background with the CIELCh color 85, 34.844, 143.294.

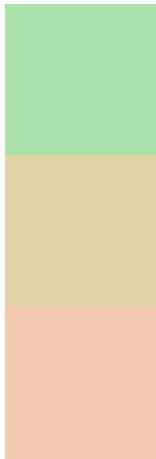


This preview shows how white text looks on a background with the CIELCh color 85, 34.844, 143.294.

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](#).

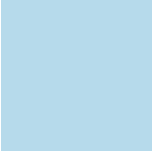
Dichromacy



Original Color
85, 34.844, 143.294

Protanopia
85, 24.669, 95.122

Deuteranopia
85, 21.279, 59.760



Tritanopia
85, 14.703, 236.406

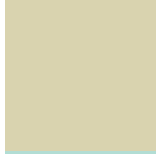
Trichromacy



Original Color
85, 34.844, 143.294



Protanomaly
84, 25.375, 117.668



Deuteranomaly
84, 18.979, 101.506

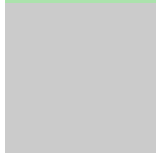


Tritanomaly
85, 15.764, 180.788

Monochromacy



Original Color
85, 34.844, 143.294



Achromatopsia
82, 0.010, 296.813



Achromatomaly
83, 12.493, 145.264

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 34.844, 143.294 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, 226, 172)` looks like.

```
.text, #text, p{  
    color:rgb(171, 226, 172)  
}
```

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, 226, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 226, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 34.844, 143.294 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, 226, 172) }
```

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

```
.border{ border-color:rgb(171, 226, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 226, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 226, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 226, 172);  
box-shadow:4px 4px 4px 4px rgb(171, 226,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 34.844, 143.294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 226, 172) }
```

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

```
.background{ background-color: rgb(171,  
226, 172) }
```

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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