

Converting Colors

CIELCh(85, 34.582, 126.257)

Have a look what the booklet for
CIELCh(85, 34.582, 126.257)
contains.

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Color

CIELCh(85, 34.529, 126.314)

Conversions

Conversions Part 1

Format	Color
Hex	C1DE9F
RGB	193, 222, 159
RGB Percent	76%, 87%, 62%
CMY	0.2436, 0.1298, 0.3769
CMYK	0.13, 0.00, 0.28, 0.13
HSL	88°, 49%, 75%
HSV	88°, 28%, 87%
XYZ	54.3060, 66.0070, 42.6321
YIQ	206.1470, 2.9390, -25.7410

Conversions

Conversions Part 2

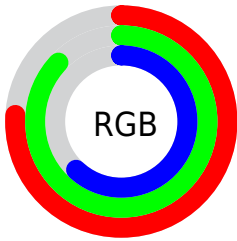
Format	Color
RYB	159, 222, 188
Decimal	12705439
CIELab	85.00, -20.45, 27.82
CIELCh	85, 34.529, 126.314
Yxy	66.0070, 0.3333, 0.4051
Android (android.graphics.Color)	4290895519 (0xFFC1DE9F)
YUV	206.1470, -23.2435, -11.5299
Hunter-Lab	81.2447, -22.8645, 25.7596

Details

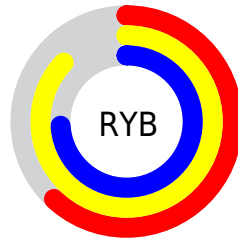
The CIELCh color **85, 34.529, 126.314** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **70, 36.058, 309.125**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 20.820, 113.696**, and **65, 34.615, 126.209** is the 20% darker color. If you saturate the color by 10%, you get **84, 46.436, 125.827**, and if you desaturate by 10%, it is **86, 22.415, 126.813**.

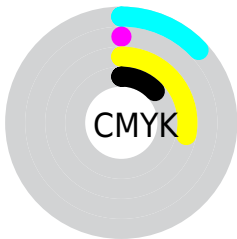
Distribution



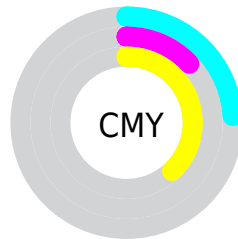
- Red (76%)
- Green (87%)
- Blue (62%)



- Red (62%)
- Yellow (87%)
- Blue (74%)



- Cyan (13%)
- Magenta (0%)
- Yellow (28%)
- Black (13%)





- Cyan (24%)
- Magenta (13%)
- Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 34.529, 126.314 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, 34.529, 126.314 by changing the saturation by 10% instead.


 85, 34.529,
126.314


 85, 34.529,
126.314


 100, 34.529,
126.314


 75, 34.529,
126.314


 65, 34.529,
126.314

 55, 34.529,
126.314

 45, 34.529,
126.314

 35, 34.529,
126.314


 25, 34.529,
126.314


 15, 34.529,

126.314


 5, 34.529, 126.314


 0, 34.529, 126.314


 85, 34.529,
126.314


 85, 34.529,
126.314

 84, 46.436,
125.827


 86, 22.415,
126.813


 83, 57.939,
125.382


 87, 10.218,
127.300


 82, 68.762,
125.039

 89, 1.968, 307.685

 81, 78.512,
124.886

 90, 14.079,
308.156

 81, 86.681,

 91, 18.881,
315.213

125.040

92, 20.562,
324.469

80, 92.759,
125.627

92, 20.717,
325.145

80, 96.597,
126.690

80, 97.124,
126.870

Harmonies

Complementary

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



85, 34.529, 126.314



70, 36.058, 309.125

Rectangle

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



85, 34.529, 126.314



85, 34.529, 176.314



85, 34.529, 306.314



85, 34.529, 356.314

Sweetspot

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



85, 34.531, 126.316



99, 12.271, 127.267



78, 20.684, 66.545



52, 8.529, 127.196



0, 0.000, 0.000



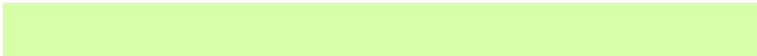
53, 0.007, 296.813

Same Dimension

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



85, 34.531, 126.316



96, 46.164, 126.026



83, 39.874, 141.277



47, 6.980, 127.249



65, 81.480, 126.613



17, 30.440, 126.509

Inverse Universe

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



70, 36.058, 309.125



75, 48.691, 309.468



73, 39.983, 324.549



44, 7.084, 308.105



26, 95.234, 311.074



4, 33.205, 308.815

Previews

White Background



This preview shows how the CIELCh color 85, 34.529, 126.314 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, 34.529, 126.314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

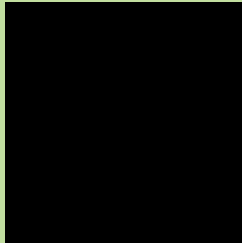
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 34.529, 126.314

Background



This preview shows how black text looks on a background with the CIELCh color 85, 34.529, 126.314.



This preview shows how white text looks on a background with the CIELCh color 85, 34.529, 126.314.

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, 34.529, 126.314

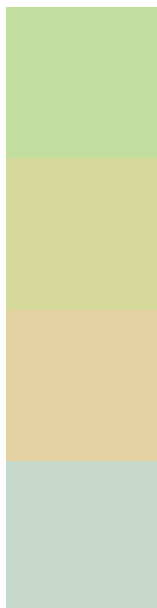
Protanopia
85, 30.889, 95.536

Deuteranopia
85, 28.258, 67.432



Tritanopia
85, 9.516, 269.672

Trichromacy



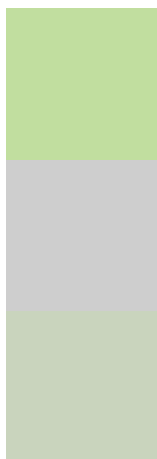
Original Color
85, 34.529, 126.314

Protanomaly
85, 31.119, 108.220

Deuteranomaly
85, 26.230, 91.229

Tritanomaly
85, 8.865, 153.545

Monochromacy



Original Color
85, 34.529, 126.314

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 12.789, 127.825

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 34.529, 126.314 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(193, 222, 159)` looks like.

```
.text, #text, p{  
    color:rgb(193, 222, 159)  
}
```

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(193, 222, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 222, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 34.529, 126.314 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(193, 222, 159) }
```

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

```
.border{ border-color:rgb(193, 222, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 222, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 222, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 222, 159);  
box-shadow:4px 4px 4px 4px rgb(193, 222,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 34.529, 126.314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 222, 159) }
```

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

```
.background{ background-color: rgb(193,  
222, 159) }
```

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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