

Converting Colors

CIELCh(83, 34.436, 142.853)

Have a look what the booklet for
CIELCh(83, 34.436, 142.853)
contains.

CIELCh(83, 34.165, 142.839)	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(83, 34.165, 142.839)

Conversions

Conversions Part 1

Format	Color
Hex	A7DCA7
RGB	167, 220, 167
RGB Percent	65%, 86%, 65%
CMY	0.3453, 0.1374, 0.3453
CMYK	0.24, 0.00, 0.24, 0.14
HSL	120°, 43%, 76%
HSV	120°, 24%, 86%
XYZ	48.4806, 62.1629, 45.9829
YIQ	198.1110, -14.5750, -27.7190

Conversions

Conversions Part 2

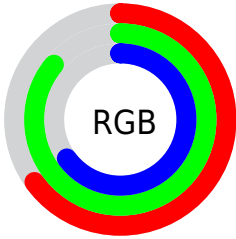
Format	Color
RYB	167, 220, 220
Decimal	11000999
CIELab	83.00, -27.23, 20.64
CIELCh	83, 34.165, 142.839
Yxy	62.1629, 0.3095, 0.3969
Android (android.graphics.Color)	4289191079 (0xFFA7DCA7)
YUV	198.1110, -15.3377, -27.2843
Hunter-Lab	78.8435, -28.2171, 20.6115

Details

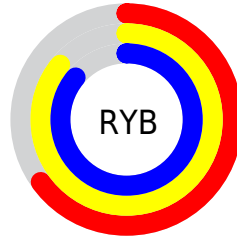
The CIELCh color **83, 34.165, 142.839** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **75, 34.181, 325.752**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 20.424, 142.887**, and **63, 34.191, 142.826** is the 20% darker color. If you saturate the color by 10%, you get **81, 48.200, 141.969**, and if you desaturate by 10%, it is **85, 19.940, 143.591**.

Distribution



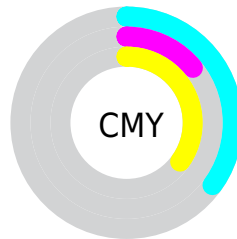
- Red (65%)
- Green (86%)
- Blue (65%)



- Red (65%)
- Yellow (86%)
- Blue (86%)



- Cyan (24%)
- Magenta (0%)
- Yellow (24%)
- Black (14%)





- Cyan (35%)
- Magenta (14%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 34.165, 142.839 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 83, 34.165, 142.839 by changing the saturation by 10% instead.


 83, 34.165,
142.839


 83, 34.165,
142.839


 100, 34.165,
142.839


 73, 34.165,
142.839

 63, 34.165,
142.839

 53, 34.165,
142.839

 43, 34.165,
142.839

 33, 34.165,
142.839

 23, 34.165,
142.839

 13, 34.165,

142.839

■ 3, 34.165, 142.839

■ 0, 34.165, 142.839

■ 83, 34.165,
142.839

■ 83, 34.165,
142.839

■ 81, 48.200,
141.969

■ 85, 19.940,
143.591

■ 80, 61.732,
140.977

■ 87, 5.751, 144.260

■ 79, 74.373,
139.883

■ 89, 8.234, 324.714

■ 78, 85.642,
138.741

■ 92, 21.900,
325.188

■ 77, 94.984,

■ 92, 21.935,
325.188

137.653

■ 77, 101.833,
136.763

■ 77, 105.813,
136.206

■ 77, 107.126,
136.016

Harmonies

Complementary

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



83, 34.165, 142.839



75, 34.181, 325.752

Rectangle

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



83, 34.165, 142.839



83, 34.165, 192.839



83, 34.165, 322.839



83, 34.165, 12.839

Sweetspot

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



83, 34.167, 142.839



98, 11.113, 144.062



87, 27.451, 107.843



52, 7.224, 144.023



0, 0.000, 0.000



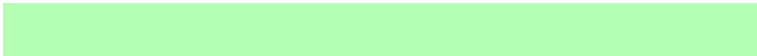
53, 0.007, 296.813

Same Dimension

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



83, 34.167, 142.839



94, 46.321, 142.407



84, 23.615, 161.489



45, 7.989, 143.907



62, 89.702, 136.016



15, 33.724, 140.235

Inverse Universe

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



75, 34.181, 325.752



83, 46.317, 326.028



74, 24.336, 345.814



43, 8.001, 324.939



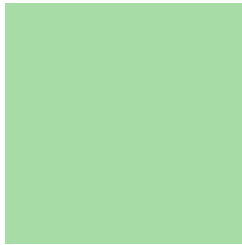
41, 86.547, 328.234



7, 34.555, 328.174

Previews

White Background



This preview shows how the CIELCh color 83, 34.165, 142.839 looks on a white background.

Color Contrast Check

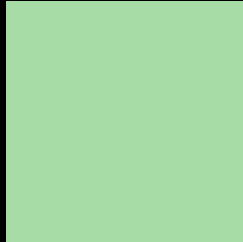
Large Text (above 18pt) WCAG AA × Fail

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 83, 34.165, 142.839 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 83, 34.165, 142.839

Background



This preview shows how black text looks on a background with the CIELCh color 83, 34.165, 142.839.



This preview shows how white text looks on a background with the CIELCh color 83, 34.165, 142.839.

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
83, 34.165, 142.839

Protanopia
83, 24.778, 95.051

Deuteranopia
83, 21.090, 60.397

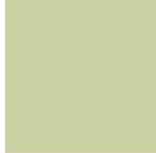


Tritanopia
83, 14.262, 238.048

Trichromacy



Original Color
83, 34.165, 142.839



Protanomaly
83, 25.414, 116.782



Deuteranomaly
82, 19.063, 101.458

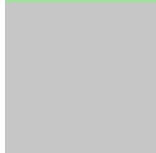


Tritanomaly
83, 15.203, 180.045

Monochromacy



Original Color
83, 34.165, 142.839



Achromatopsia
80, 0.010, 296.813



Achromatomaly
81, 12.335, 143.923

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 34.165, 142.839 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(167, 220, 167)` looks like.

```
.text, #text, p{  
    color:rgb(167, 220, 167)  
}
```

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(167, 220, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 220, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 34.165, 142.839 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(167, 220, 167) }
```

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

```
.border{ border-color:rgb(167, 220, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 220, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 220, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 220, 167); box-shadow:4px 4px 4px 4px rgb(167, 220, 167) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 34.165, 142.839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 220, 167) }
```

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

```
.background{ background-color: rgb(167,  
220, 167) }
```

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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