

Converting Colors

CIELCh(83, 29.008, 142.841)

Have a look what the booklet for
CIELCh(83, 29.008, 142.841)
contains.

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Color

CIELCh(83, 28.840, 142.562)

Conversions

Conversions Part 1

Format	Color
Hex	AEDAAD
RGB	174, 218, 173
RGB Percent	68%, 85%, 68%
CMY	0.3176, 0.1451, 0.3215
CMYK	0.20, 0.00, 0.21, 0.15
HSL	119°, 38%, 77%
HSV	119°, 21%, 85%
XYZ	50.0734, 62.1629, 48.8975
YIQ	199.7140, -11.7790, -23.3230

Conversions

Conversions Part 2

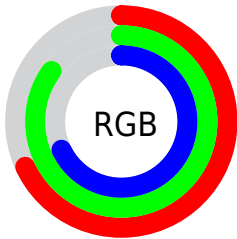
Format	Color
RYB	173, 218, 217
Decimal	11459245
CIELab	83.00, -22.90, 17.53
CIELCh	83, 28.840, 142.562
Yxy	62.1629, 0.3108, 0.3858
Android (android.graphics.Color)	4289649325 (0xFFAEDAAD)
YUV	199.7140, -13.1700, -22.5512
Hunter-Lab	78.8435, -24.6109, 18.4197

Details

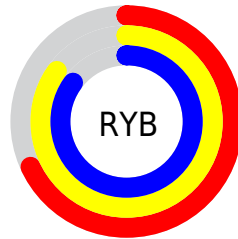
The CIELCh color $83, 28.840, 142.562$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $76, 28.885, 324.941$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 16.023, 142.852$, and $63, 28.627, 142.745$ is the 20% darker color. If you saturate the color by 10%, you get $81, 42.778, 141.764$, and if you desaturate by 10%, it is $85, 14.810, 143.254$.

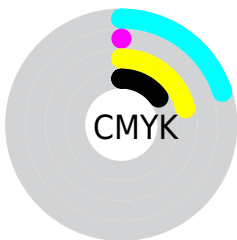
Distribution



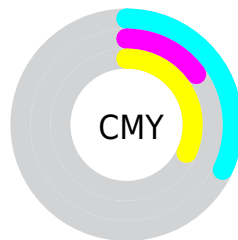
- Red (68%)
- Green (85%)
- Blue (68%)



- Red (68%)
- Yellow (85%)
- Blue (85%)



- Cyan (20%)
- Magenta (0%)
- Yellow (21%)
- Black (15%)





- Cyan (32%)
- Magenta (15%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 28.840, 142.562 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, 28.840, 142.562 by changing the saturation by 10% instead.


 83, 28.840,
142.562


 83, 28.840,
142.562


 100, 28.840,
142.562


 73, 28.840,
142.562

 63, 28.840,
142.562

 53, 28.840,
142.562

 43, 28.840,
142.562

 33, 28.840,
142.562

 23, 28.840,
142.562

 13, 28.840,

142.562

■ 3, 28.840, 142.562

■ 0, 28.840, 142.562

■ 83, 28.840,
142.562

■ 83, 28.840,
142.562

■ 81, 42.778,
141.764

■ 85, 14.810,
143.254

■ 80, 56.351,
140.852

■ 87, 0.879, 144.123

■ 79, 69.215,
139.840

■ 89, 12.810,
324.286

■ 78, 80.935,
138.768

■ 91, 23.163,
325.231

■ 77, 90.987,

137.721

■ 77, 98.796,
136.829

■ 76, 103.875,
136.235

■ 76, 106.302,
135.941

Harmonies

Complementary

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



83, 28.840, 142.562



76, 28.885, 324.941

Rectangle

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



83, 28.840, 142.562



83, 28.840, 192.562



83, 28.840, 322.562



83, 28.840, 12.562

Sweetspot

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



83, 28.842, 142.562



99, 9.448, 143.546



86, 22.646, 106.763



52, 6.271, 143.504



0, 0.000, 0.000



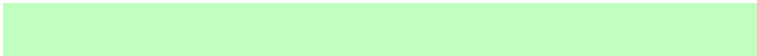
53, 0.007, 296.813

Same Dimension

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



83, 28.842, 142.562



95, 39.676, 142.211



83, 20.633, 160.131



45, 7.931, 143.331



62, 89.580, 135.917



15, 33.511, 139.815

Inverse Universe

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



76, 28.885, 324.941



85, 39.729, 325.183



75, 21.091, 343.644



43, 7.946, 324.333



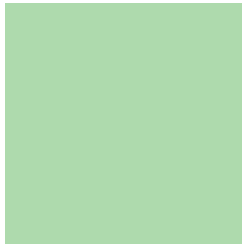
40, 86.634, 327.360



7, 34.484, 327.414

Previews

White Background



This preview shows how the CIELCh color 83, 28.840, 142.562 looks on a white background.

Color Contrast Check

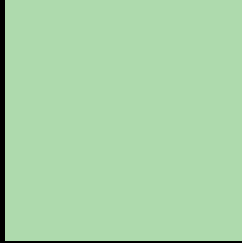
Large Text (above 18pt) WCAG AA × Fail

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, 28.840, 142.562 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, 28.840, 142.562

Background



This preview shows how black text looks on a background with the CIELCh color 83, 28.840, 142.562.

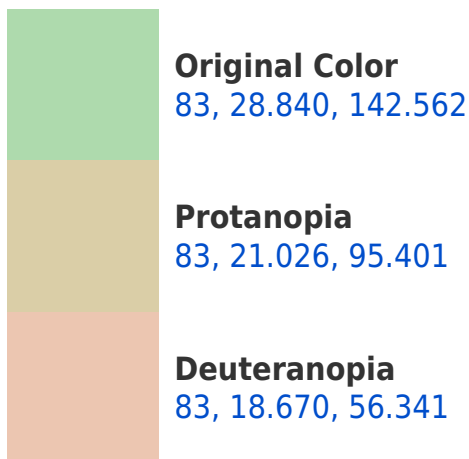


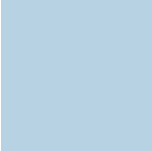
This preview shows how white text looks on a background with the CIELCh color 83, 28.840, 142.562.

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
83, 12.508, 241.659

Trichromacy



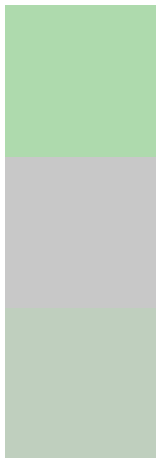
Original Color
83, 28.840, 142.562

Protanomaly
83, 21.721, 116.463

Deuteranomaly
82, 15.572, 97.383

Tritanomaly
83, 12.593, 181.404

Monochromacy



Original Color
83, 28.840, 142.562

Achromatopsia
81, 0.010, 296.813

Achromatomaly
82, 10.809, 142.440

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 28.840, 142.562 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(174, 218, 173)` looks like.

```
.text, #text, p{  
    color:rgb(174, 218, 173)  
}
```

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(174, 218, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 218, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 28.840, 142.562 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(174, 218, 173) }
```

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

```
.border{ border-color:rgb(174, 218, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 218, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 218, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 218, 173);  
box-shadow:4px 4px 4px 4px rgb(174, 218,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 28.840, 142.562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 218, 173) }
```

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

```
.background{ background-color: rgb(174,  
218, 173) }
```

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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