

Converting Colors

CIELCh(85, 33.219, 143.087)

Have a look what the booklet for
CIELCh(85, 33.219, 143.087)
contains.

CIELCh(85, 32.947, 143.422)	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, 32.947, 143.422)

Conversions

Conversions Part 1

Format	Color
Hex	ADE1AE
RGB	173, 225, 174
RGB Percent	68%, 88%, 68%
CMY	0.3204, 0.1164, 0.3165
CMYK	0.23, 0.00, 0.23, 0.12
HSL	121°, 47%, 78%
HSV	121°, 23%, 88%
XYZ	51.9802, 66.0070, 50.1986
YIQ	203.6380, -14.6210, -26.8850

Conversions

Conversions Part 2

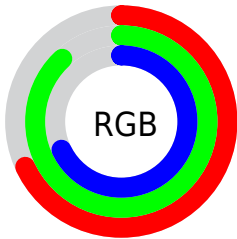
Format	Color
RYB	173, 224, 225
Decimal	11395502
CIELab	85.00, -26.46, 19.63
CIElCh	85, 32.947, 143.422
Yxy	66.0070, 0.3091, 0.3925
Android (android.graphics.Color)	4289585582 (0xFFADE1AE)
YUV	203.6380, -14.6115, -26.8695
Hunter-Lab	81.2447, -27.9743, 20.2378

Details

The CIELCh color $85, 32.947, 143.422$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $77, 32.968, 326.224$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 15.805, 144.887$, and $65, 32.706, 143.008$ is the 20% darker color. If you saturate the color by 10%, you get $83, 47.112, 142.557$, and if you desaturate by 10%, it is $87, 18.622, 144.168$.

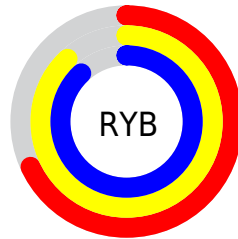
Distribution



Red (68%)

Green (88%)

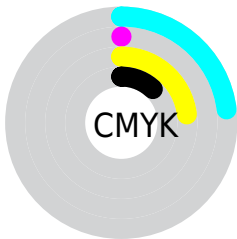
Blue (68%)



Red (68%)

Yellow (88%)

Blue (88%)

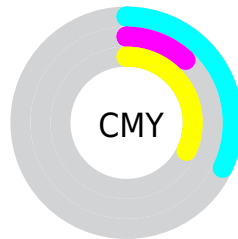


Cyan (23%)

Magenta (0%)

Yellow (23%)

Black (12%)



Cyan (32%)


Magenta (12%)

Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 32.947, 143.422 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, 32.947, 143.422 by changing the saturation by 10% instead.


 85, 32.947,
143.422


 85, 32.947,
143.422


 100, 32.947,
143.422


 75, 32.947,
143.422

 65, 32.947,
143.422

 55, 32.947,
143.422

 45, 32.947,
143.422

 35, 32.947,
143.422

 25, 32.947,
143.422

 15, 32.947,

143.422

■ 5, 32.947, 143.422

■ 0, 32.947, 143.422

■ 85, 32.947,
143.422

■ 85, 32.947,
143.422

■ 83, 47.112,
142.557

■ 87, 18.622,
144.168

■ 82, 60.817,
141.566

■ 89, 4.354, 144.847

■ 81, 73.690,
140.462


■ 91, 9.695, 325.283


■ 80, 85.276,
139.287


■ 93, 18.563,
325.069

■ 79, 95.049,

138.129

 79, 102.458,
137.120

 79, 107.084,
136.402

 78, 108.762,
136.138

Harmonies

Complementary

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



85, 32.947, 143.422



77, 32.968, 326.224

Rectangle

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



85, 32.947, 143.422



85, 32.947, 193.422



85, 32.947, 323.422



85, 32.947, 13.422

Sweetspot

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



85, 32.949, 143.422



98, 10.969, 144.573



88, 26.836, 108.656



52, 7.131, 144.533



0, 0.000, 0.000



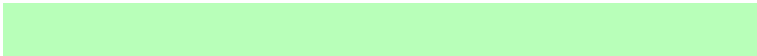
53, 0.007, 296.813

Same Dimension

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



85, 32.949, 143.422



94, 44.163, 142.996



86, 22.791, 162.475



46, 8.036, 144.415



63, 90.314, 136.181



16, 34.919, 139.794

Inverse Universe

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



77, 32.968, 326.224



83, 44.168, 326.504



76, 23.515, 346.658



44, 8.049, 325.456



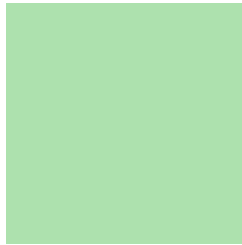
42, 86.192, 329.005



8, 35.471, 328.871

Previews

White Background



This preview shows how the CIELCh color 85, 32.947, 143.422 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, 32.947, 143.422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

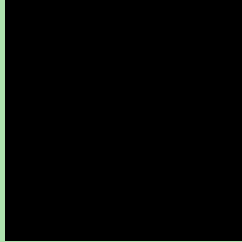
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 32.947, 143.422

Background



This preview shows how black text looks on a background with the CIELCh color 85, 32.947, 143.422.

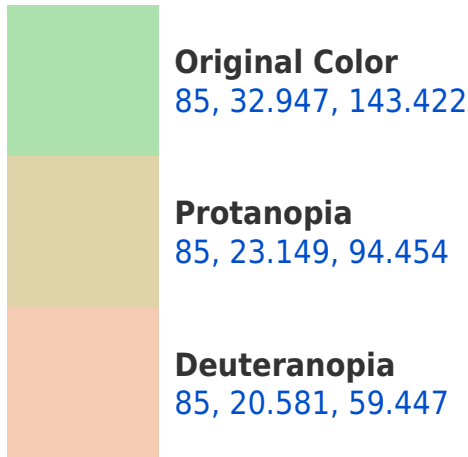


This preview shows how white text looks on a background with the CIELCh color 85, 32.947, 143.422.

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



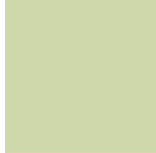


Tritanopia
85, 14.284, 240.578

Trichromacy



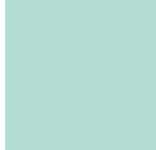
Original Color
85, 32.947, 143.422



Protanomaly
85, 24.290, 117.249



Deuteranomaly
85, 18.446, 101.374

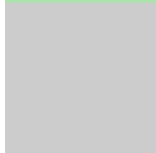


Tritanomaly
85, 14.457, 183.604

Monochromacy



Original Color
85, 32.947, 143.422



Achromatopsia
82, 0.010, 296.813



Achromatomaly
83, 12.266, 143.939

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 32.947, 143.422 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(173, 225, 174)` looks like.

```
.text, #text, p{  
    color:rgb(173, 225, 174)  
}
```

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(173, 225, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 225, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 32.947, 143.422 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(173, 225, 174) }
```

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

```
.border{ border-color:rgb(173, 225, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 225, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 225, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 225, 174);  
box-shadow:4px 4px 4px 4px rgb(173, 225,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 32.947, 143.422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 225, 174) }
```

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

```
.background{ background-color: rgb(173,  
225, 174) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor