

Converting Colors

CIELCh(85, 46.395, 142.835)

Have a look what the booklet for
CIELCh(85, 46.395, 142.835)
contains.

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Color

CIELCh(85, 46.360, 142.847)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 9CE69E |
| RGB | 156, 230, 158 |
| RGB Percent | 61%, 90%, 62% |
| CMY | 0.3889, 0.0987, 0.3810 |
| CMYK | 0.32, 0.00, 0.31, 0.10 |
| HSL | 122°, 60%, 76% |
| HSV | 122°, 32%, 90% |
| XYZ | 48.0805, 66.0070, 42.4784 |
| YIQ | 199.6660, -20.9920, -38.0800 |

Conversions

Conversions Part 2

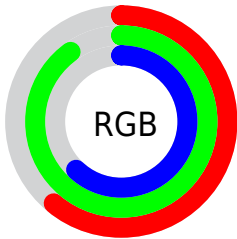
| Format | Color |
|-------------------------------------|--------------------------------------------------|
| RYB | 156, 228, 230 |
| Decimal | 10282654 |
| CIELab | 85.00, -36.95, 28.00 |
| CIELCh | 85, 46.360, 142.847 |
| Yxy | 66.0070, 0.3071, 0.4216 |
| Android (android.graphics.Color) | 4288472734 (0xFF9CE69E) |
| YUV | 199.6660, -20.5413, -38.2951 |
| Hunter-Lab | 81.2447, -36.5422, 25.8718 |

Details

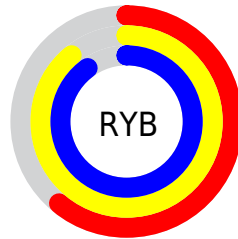
The CIELCh color **85, 46.360, 142.847** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **74, 46.343, 326.948**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 26.503, 144.001**, and **65, 46.322, 142.788** is the 20% darker color. If you saturate the color by 10%, you get **84, 60.273, 141.862**, and if you desaturate by 10%, it is **87, 32.020, 143.705**.

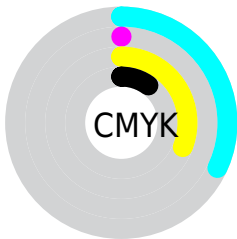
Distribution



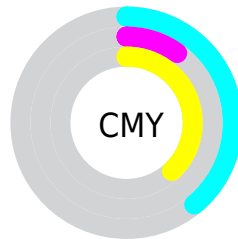
- Red (61%)
- Green (90%)
- Blue (62%)



- Red (61%)
- Yellow (89%)
- Blue (90%)



- Cyan (32%)
- Magenta (0%)
- Yellow (31%)
- Black (10%)



- Cyan (39%)
- Magenta (10%)
- Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 46.360, 142.847 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, 46.360, 142.847 by changing the saturation by 10% instead.


 85, 46.360,
142.847


 85, 46.360,
142.847


 100, 46.360,
142.847


 75, 46.360,
142.847

 65, 46.360,
142.847

 55, 46.360,
142.847

 45, 46.360,
142.847

 35, 46.360,
142.847


 25, 46.360,
142.847


 15, 46.360,

142.847


 5, 46.360, 142.847


 0, 46.360, 142.847

 85, 46.360,
142.847


 85, 46.360,
142.847

 84, 60.273,
141.862


 87, 32.020,
143.705


 82, 73.386,
140.759


 89, 17.536,
144.444


 81, 85.257,
139.573

 91, 3.130, 145.142


 81, 95.367,
138.386


 93, 11.043,
325.547

 80, 103.171,

 94, 15.730,
324.968

137.322

 80, 108.221,
136.525

 80, 110.273,
136.184

Harmonies

Complementary

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



85, 46.360, 142.847



74, 46.343, 326.948

Rectangle

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



85, 46.360, 142.847



85, 46.360, 192.847



85, 46.360, 322.847



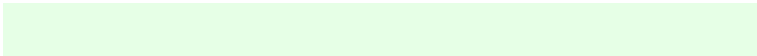
85, 46.360, 12.847

Sweetspot

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



85, 46.362, 142.847



98, 15.620, 144.589



90, 37.809, 107.797



52, 10.667, 144.493



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, 46.362, 142.847



92, 60.795, 142.169



86, 32.074, 161.481



47, 8.142, 144.629



63, 91.140, 136.245



17, 36.263, 139.288

Inverse Universe

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



74, 46.343, 326.948



77, 60.678, 327.318



72, 33.487, 347.676



45, 8.155, 325.676



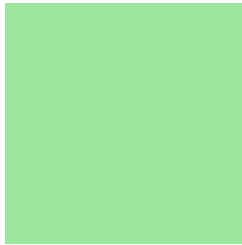
42, 86.574, 329.337



8, 36.449, 329.162

Previews

White Background



This preview shows how the CIELCh color 85, 46.360, 142.847 looks on a white background.

Color Contrast Check

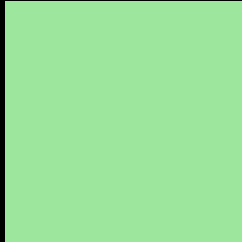
Large Text (above 18pt) WCAG AA × Fail

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, 46.360, 142.847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

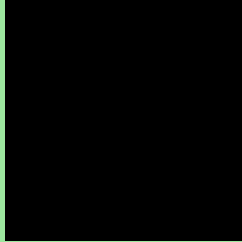
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 46.360, 142.847

Background



This preview shows how black text looks on a background with the CIELCh color 85, 46.360, 142.847.

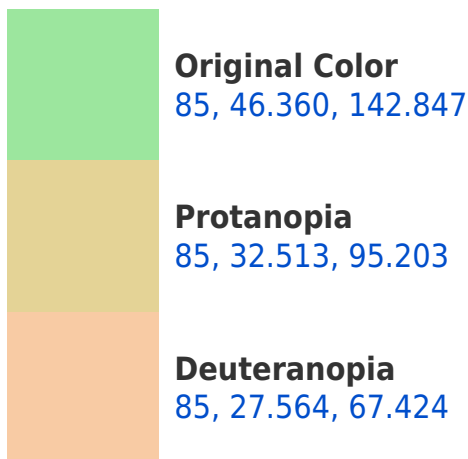


This preview shows how white text looks on a background with the CIELCh color 85, 46.360, 142.847.

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



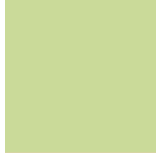


Tritanopia
85, 17.999, 228.456

Trichromacy



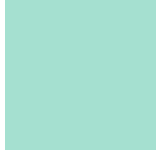
Original Color
85, 46.360, 142.847



Protanomaly
84, 34.250, 117.872



Deuteranomaly
84, 26.578, 107.015

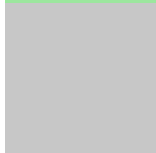


Tritanomaly
85, 22.119, 175.444

Monochromacy



Original Color
85, 46.360, 142.847



Achromatopsia
80, 0.010, 296.813



Achromatomaly
82, 17.068, 144.674

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 46.360, 142.847 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(156, 230, 158)` looks like.

```
.text, #text, p{  
    color:rgb(156, 230, 158)  
}
```

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(156, 230, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 230, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 46.360, 142.847 is called "border". The border property can be set on classes, ids or directly on the HTML element.

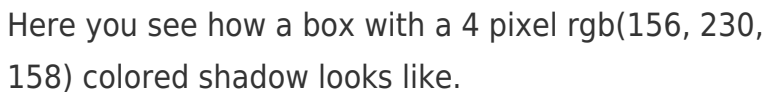
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 230, 158) }
```

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

```
.border{ border-color:rgb(156, 230, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(156, 230, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 230, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 230, 158); box-shadow:4px 4px 4px 4px rgb(156, 230, 158) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 46.360, 142.847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 230, 158) }
```

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

```
.background{ background-color: rgb(156,  
230, 158) }
```

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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