

Converting Colors

CIELCh(85, 43.239, 145.164)

Have a look what the booklet for
CIELCh(85, 43.239, 145.164)
contains.

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Color

CIELCh(85, 43.234, 145.200)

Conversions

Conversions Part 1

Format	Color
Hex	9CE5A4
RGB	156, 229, 164
RGB Percent	61%, 90%, 64%
CMY	0.3870, 0.1007, 0.3557
CMYK	0.32, 0.00, 0.28, 0.10
HSL	127°, 59%, 76%
HSV	127°, 32%, 90%
XYZ	48.6069, 66.0070, 45.4441
YIQ	199.7630, -22.6430, -35.6910

Conversions

Conversions Part 2

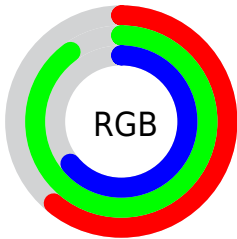
Format	Color
RYB	156, 222, 229
Decimal	10282404
CIELab	85.00, -35.50, 24.67
CIELCh	85, 43.234, 145.200
Yxy	66.0070, 0.3037, 0.4124
Android (android.graphics.Color)	4288472484 (0xFF9CE5A4)
YUV	199.7630, -17.6312, -38.3802
Hunter-Lab	81.2447, -35.3857, 23.7075

Details

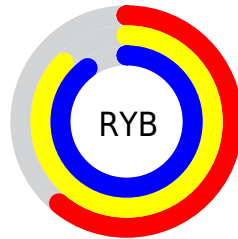
The CIELCh color **85, 43.234, 145.200** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **73, 43.274, 329.439**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 24.027, 148.130**, and **65, 43.101, 145.291** is the 20% darker color. If you saturate the color by 10%, you get **84, 56.416, 144.185**, and if you desaturate by 10%, it is **87, 29.695, 146.078**.

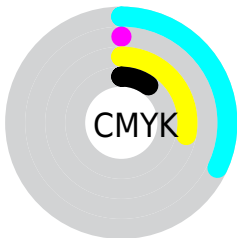
Distribution



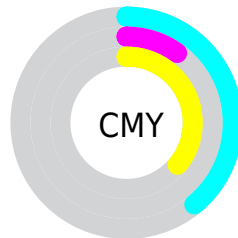
- Red (61%)
- Green (90%)
- Blue (64%)



- Red (61%)
- Yellow (87%)
- Blue (90%)



- Cyan (32%)
- Magenta (0%)
- Yellow (28%)
- Black (10%)



- Cyan (39%)
- Magenta (10%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 43.234, 145.200 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, 43.234, 145.200 by changing the saturation by 10% instead.

■ 85, 43.234,
145.200

■ 85, 43.234,
145.200

■ 100, 43.234,
145.200

■ 75, 43.234,
145.200

■ 65, 43.234,
145.200

■ 55, 43.234,
145.200

■ 45, 43.234,
145.200

■ 35, 43.234,
145.200


■ 25, 43.234,
145.200


■ 15, 43.234,


145.200


 5, 43.234, 145.200


 0, 43.234, 145.200


 85, 43.234,
145.200


 85, 43.234,
145.200

 84, 56.416,
144.185


 87, 29.695,
146.078


 82, 68.933,
143.026

 89, 16.042,
146.835


 81, 80.434,
141.735

 91, 2.467, 147.582


 81, 90.534,
140.355


 93, 10.888,
327.972

 80, 98.831,

 94, 16.043,
324.979

138.966

 80, 104.963,
137.691

 80, 108.261,
136.875

Harmonies

Complementary

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



85, 43.234, 145.200



73, 43.274, 329.439

Rectangle

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



85, 43.234, 145.200



85, 43.234, 195.200



85, 43.234, 325.200



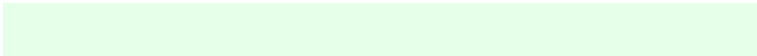
85, 43.234, 15.200

Sweetspot

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



85, 43.236, 145.200



98, 14.751, 146.960



89, 37.456, 111.501



52, 10.073, 146.861



0, 0.000, 0.000



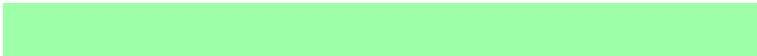
53, 0.007, 296.813

Same Dimension

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



85, 43.236, 145.200



92, 56.027, 144.569



86, 29.664, 166.262



47, 7.689, 147.002



63, 89.369, 137.055



17, 34.770, 140.762

Inverse Universe

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



73, 43.274, 329.439



77, 55.996, 329.821



72, 31.599, 352.772



45, 7.705, 328.088



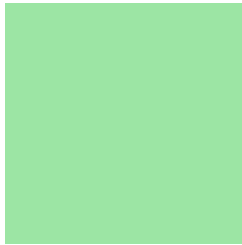
41, 81.170, 333.120



8, 34.513, 332.289

Previews

White Background



This preview shows how the CIELCh color 85, 43.234, 145.200 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, 43.234, 145.200 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, 43.234, 145.200

Background



This preview shows how black text looks on a background with the CIELCh color 85, 43.234, 145.200.

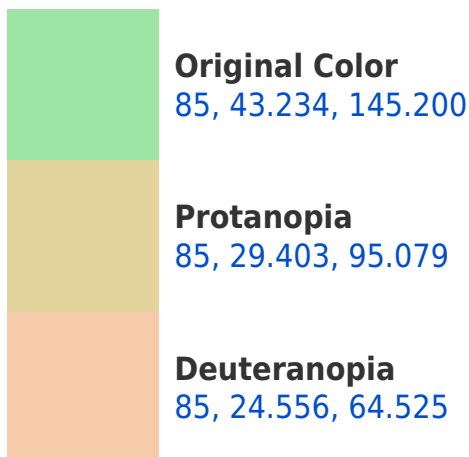


This preview shows how white text looks on a background with the CIELCh color 85, 43.234, 145.200.

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



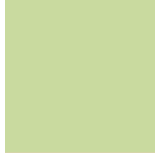


Tritanopia
85, 18.257, 227.975

Trichromacy



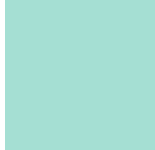
Original Color
85, 43.234, 145.200



Protanomaly
85, 31.343, 119.753



Deuteranomaly
84, 23.482, 108.135

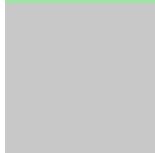


Tritanomaly
85, 20.927, 180.320

Monochromacy



Original Color
85, 43.234, 145.200



Achromatopsia
81, 0.010, 296.813



Achromatomaly
82, 16.194, 146.821

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 43.234, 145.200 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, 229, 164)` looks like.

```
.text, #text, p{  
    color:rgb(156, 229, 164)  
}
```

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, 229, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 229, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 43.234, 145.200 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, 229, 164) }
```

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

```
.border{ border-color:rgb(156, 229, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 229, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 229, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 229, 164); box-shadow:4px 4px 4px 4px rgb(156, 229, 164) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 43.234, 145.200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 229, 164) }
```

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

```
.background{ background-color: rgb(156,  
229, 164) }
```

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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