

Converting Colors

CIELCh(85, 35.543, 149.807)

Have a look what the booklet for
CIELCh(85, 35.543, 149.807)
contains.

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Color

CIELCh(85, 35.571, 149.795)

Conversions

Conversions Part 1

Format	Color
Hex	A1E3B1
RGB	161, 227, 177
RGB Percent	63%, 89%, 69%
CMY	0.3669, 0.1080, 0.3041
CMYK	0.29, 0.00, 0.22, 0.11
HSL	135°, 55%, 76%
HSV	135°, 29%, 89%
XYZ	50.3636, 66.0070, 51.9118
YIQ	201.5660, -23.2860, -29.5420

Conversions

Conversions Part 2

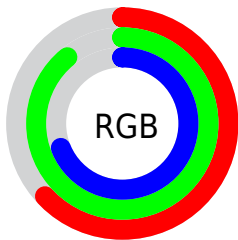
Format	Color
RYB	161, 214, 227
Decimal	10609585
CIELab	85.00, -30.74, 17.90
CIELCh	85, 35.571, 149.795
Yxy	66.0070, 0.2993, 0.3922
Android (android.graphics.Color)	4288799665 (0xFFA1E3B1)
YUV	201.5660, -12.1110, -35.5764
Hunter-Lab	81.2447, -31.5261, 18.9876

Details

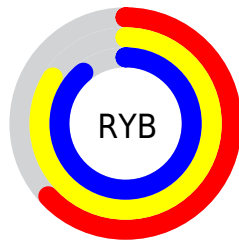
The CIELCh color **85, 35.571, 149.795** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **74, 35.806, 334.010**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 17.518, 158.440**, and **65, 35.601, 149.851** is the 20% darker color. If you saturate the color by 10%, you get **84, 47.570, 148.761**, and if you desaturate by 10%, it is **87, 23.325, 150.690**.

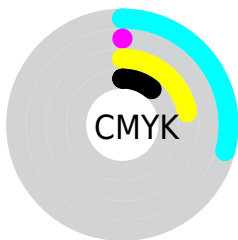
Distribution



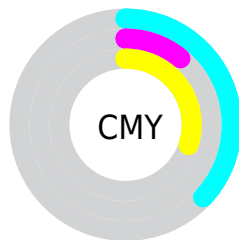
- Red (63%)
- Green (89%)
- Blue (69%)



- Red (63%)
- Yellow (84%)
- Blue (89%)



- Cyan (29%)
- Magenta (0%)
- Yellow (22%)
- Black (11%)





- Cyan (37%)
- Magenta (11%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 35.571, 149.795 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, 35.571, 149.795 by changing the saturation by 10% instead.


 85, 35.571,
149.795


 85, 35.571,
149.795


 100, 35.571,
149.795


 75, 35.571,
149.795

 65, 35.571,
149.795

 55, 35.571,
149.795

 45, 35.571,
149.795

 35, 35.571,
149.795

 25, 35.571,
149.795

 15, 35.571,

149.795

■ 5, 35.571, 149.795

■ 0, 35.571, 149.795

■ 85, 35.571,
149.795

■ 85, 35.571,
149.795

■ 84, 47.570,
148.761

■ 87, 23.325,
150.690

■ 82, 59.089,
147.568

■ 89, 11.020,
151.477

■ 81, 69.879,
146.204

■ 91, 1.193, 331.816

■ 81, 79.682,
144.666

■ 93, 13.201,
332.667

■ 80, 88.261,

■ 93, 17.212,
325.021

142.977

■ 80, 95.424,
141.193

■ 79, 101.080,
139.444

■ 79, 101.567,
139.292

Harmonies

Complementary

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



85, 35.571, 149.795



74, 35.806, 334.010

Rectangle

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



85, 35.571, 149.795



85, 35.571, 199.795



85, 35.571, 329.795



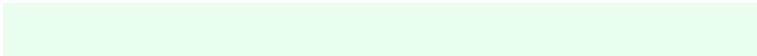
85, 35.571, 19.795

Sweetspot

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



85, 35.573, 149.795



98, 12.058, 151.474



88, 34.462, 117.388



52, 8.386, 151.364



0, 0.000, 0.000



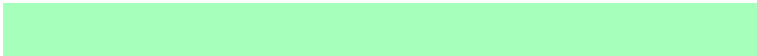
53, 0.007, 296.813

Same Dimension

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



85, 35.573, 149.795



93, 46.934, 149.172



86, 24.483, 175.478



47, 6.988, 151.444



64, 84.136, 139.589



17, 32.378, 143.507

Inverse Universe

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



74, 35.806, 334.010



79, 47.237, 334.469



73, 26.980, 1.542



45, 7.015, 332.633



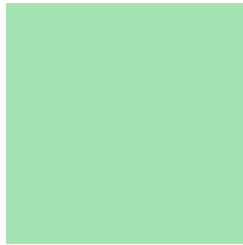
40, 73.465, 340.804



8, 31.649, 338.429

Previews

White Background



This preview shows how the CIELCh color 85, 35.571, 149.795 looks on a white background.

Color Contrast Check

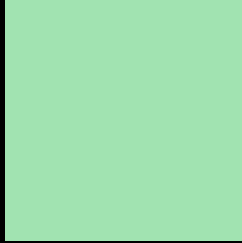
Large Text (above 18pt) WCAG AA × Fail

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, 35.571, 149.795 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, 35.571, 149.795

Background



This preview shows how black text looks on a background with the CIELCh color 85, 35.571, 149.795.



This preview shows how white text looks on a background with the CIELCh color 85, 35.571, 149.795.

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](#).

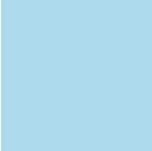
Dichromacy



Original Color
85, 35.571, 149.795

Protanopia
85, 22.039, 94.940

Deuteranopia
85, 18.887, 57.577



Tritanopia
85, 17.465, 231.596

Trichromacy



Original Color
85, 35.571, 149.795



Protanomaly
85, 23.773, 123.106



Deuteranomaly
84, 17.256, 108.682



Tritanomaly
85, 18.513, 186.595

Monochromacy



Original Color
85, 35.571, 149.795



Achromatopsia
81, 0.010, 296.813



Achromatomaly
82, 13.011, 151.587

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 35.571, 149.795 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(161, 227, 177)` looks like.

```
.text, #text, p{  
    color:rgb(161, 227, 177)  
}
```

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(161, 227, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 227, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 35.571, 149.795 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(161, 227, 177) }
```

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

```
.border{ border-color:rgb(161, 227, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 227, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 227, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 227, 177); box-shadow:4px 4px 4px 4px rgb(161, 227, 177) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 35.571, 149.795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 227, 177) }
```

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

```
.background{ background-color: rgb(161,  
227, 177) }
```

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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