

Converting Colors

CIELCh(85, 28.610, 156.381)

Have a look what the booklet for
CIELCh(85, 28.610, 156.381)
contains.

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Color

CIELCh(85, 28.708, 156.372)

Conversions

Conversions Part 1

Format	Color
Hex	A6E2BE
RGB	166, 226, 190
RGB Percent	65%, 89%, 75%
CMY	0.3502, 0.1149, 0.2560
CMYK	0.27, 0.00, 0.16, 0.11
HSL	144°, 51%, 77%
HSV	144°, 27%, 89%
XYZ	52.0400, 66.0070, 58.5446
YIQ	203.9560, -24.2040, -23.9160

Conversions

Conversions Part 2

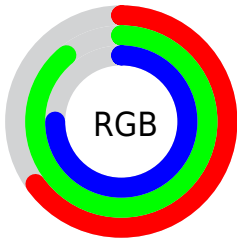
Format	Color
RYB	166, 209, 226
Decimal	10937022
CIELab	85.00, -26.30, 11.51
CIELCh	85, 28.708, 156.372
Yxy	66.0070, 0.2947, 0.3738
Android (android.graphics.Color)	4289127102 (0xFFA6E2BE)
YUV	203.9560, -6.8803, -33.2874
Hunter-Lab	81.2447, -27.8430, 14.1472

Details

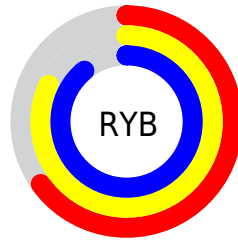
The CIELCh color **85, 28.708, 156.372** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **75, 29.267, 340.790**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 12.309, 176.710**, and **65, 28.188, 156.659** is the 20% darker color. If you saturate the color by 10%, you get **84, 39.260, 155.292**, and if you desaturate by 10%, it is **87, 17.937, 157.324**.

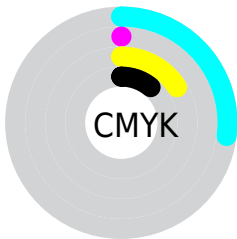
Distribution



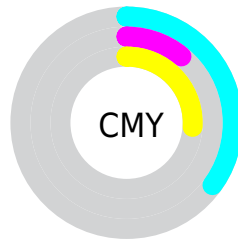
- Red (65%)
- Green (89%)
- Blue (75%)



- Red (65%)
- Yellow (82%)
- Blue (89%)



- Cyan (27%)
- Magenta (0%)
- Yellow (16%)
- Black (11%)




- Cyan (35%)
- Magenta (11%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 28.708, 156.372 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, 28.708, 156.372 by changing the saturation by 10% instead.


 85, 28.708,
156.372

 85, 28.708,
156.372


 100, 28.708,
156.372


 75, 28.708,
156.372

 65, 28.708,
156.372

 55, 28.708,
156.372

 45, 28.708,
156.372

 35, 28.708,
156.372


 25, 28.708,
156.372


 15, 28.708,


156.372

 5, 28.708, 156.372


 0, 28.708, 156.372

 85, 28.708,
156.372


 85, 28.708,
156.372

 84, 39.260,
155.292


 87, 17.937,
157.324


 82, 49.406,
154.060

 88, 7.098, 158.193


 81, 58.956,
152.652

 90, 3.681, 338.768

 80, 67.723,
151.047

 93, 14.041,
338.539

 80, 75.554,

 93, 18.323,
325.060

149.235

■ 79, 82.359,
147.227

■ 79, 88.136,
145.069

■ 79, 89.949,
144.350

Harmonies

Complementary

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



85, 28.708, 156.372



75, 29.267, 340.790

Rectangle

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



85, 28.708, 156.372



85, 28.708, 206.372



85, 28.708, 336.372



85, 28.708, 26.372

Sweetspot

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



85, 28.710, 156.371



98, 9.535, 158.066



87, 32.353, 124.154



52, 6.781, 157.936



0, 0.000, 0.000



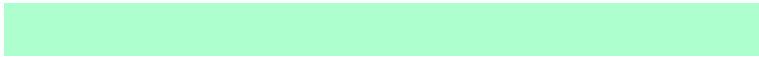
53, 0.007, 296.813

Same Dimension

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



85, 28.710, 156.371



94, 38.047, 155.780



86, 20.454, 189.103



46, 6.105, 157.947



63, 74.035, 144.741



16, 27.709, 149.115

Inverse Universe

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



75, 29.267, 340.790



80, 38.909, 341.324



74, 23.649, 13.787



44, 6.155, 339.311



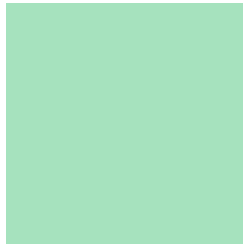
38, 66.200, 352.779



7, 27.693, 347.596

Previews

White Background



This preview shows how the CIELCh color 85, 28.708, 156.372 looks on a white background.

Color Contrast Check

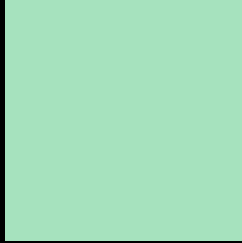
Large Text (above 18pt) WCAG AA × Fail

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, 28.708, 156.372 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

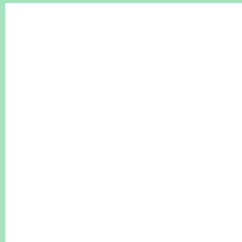
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 28.708, 156.372

Background



This preview shows how black text looks on a background with the CIELCh color 85, 28.708, 156.372.



This preview shows how white text looks on a background with the CIELCh color 85, 28.708, 156.372.

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, 28.708, 156.372

Protanopia
85, 15.758, 93.302

Deuteranopia
85, 14.006, 42.124



Tritanopia
85, 16.961, 232.735

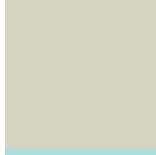
Trichromacy



Original Color
85, 28.708, 156.372



Protanomaly
85, 17.081, 126.695



Deuteranomaly
84, 10.481, 109.267

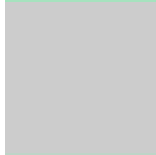


Tritanomaly
85, 16.603, 196.451

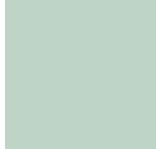
Monochromacy



Original Color
85, 28.708, 156.372



Achromatopsia
82, 0.010, 296.813



Achromatomaly
83, 10.586, 158.289

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 28.708, 156.372 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(166, 226, 190)` looks like.

```
.text, #text, p{  
    color:rgb(166, 226, 190)  
}
```

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(166, 226, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 226, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 28.708, 156.372 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(166, 226, 190) }
```

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

```
.border{ border-color:rgb(166, 226, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 226, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 226, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 226, 190);  
box-shadow:4px 4px 4px 4px rgb(166, 226,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 28.708, 156.372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 226, 190) }
```

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

```
.background{ background-color: rgb(166,  
226, 190) }
```

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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