

Converting Colors

CIELCh(85, 26.348, 177.573)

Have a look what the booklet for
CIELCh(85, 26.348, 177.573)
contains.

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Color

CIELCh(85, 26.318, 177.646)

Conversions

Conversions Part 1

Format	Color
Hex	99E2D1
RGB	153, 226, 209
RGB Percent	60%, 89%, 82%
CMY	0.3987, 0.1123, 0.1791
CMYK	0.32, 0.00, 0.08, 0.11
HSL	166°, 56%, 74%
HSV	166°, 32%, 89%
XYZ	52.0421, 66.0070, 70.5403
YIQ	202.2350, -38.0510, -20.7630

Conversions

Conversions Part 2

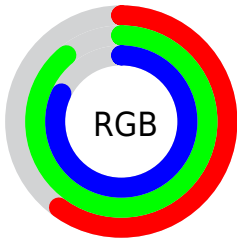
Format	Color
RYB	153, 194, 226
Decimal	10085073
CIELab	85.00, -26.30, 1.08
CIELCh	85, 26.318, 177.646
Yxy	66.0070, 0.2760, 0.3500
Android (android.graphics.Color)	4288275153 (0xFF99E2D1)
YUV	202.2350, 3.3351, -43.1791
Hunter-Lab	81.2447, -27.8384, 5.3931

Details

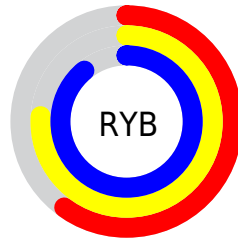
The CIELCh color **85, 26.318, 177.646** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **71, 29.735, 4.485**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 15.314, 198.486**, and **65, 25.980, 178.374** is the 20% darker color. If you saturate the color by 10%, you get **84, 33.561, 176.512**, and if you desaturate by 10%, it is **86, 18.538, 178.697**.

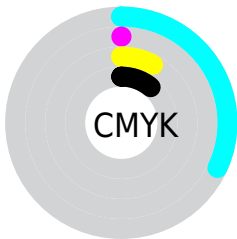
Distribution



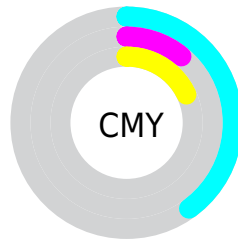
- Red (60%)
- Green (89%)
- Blue (82%)



- Red (60%)
- Yellow (76%)
- Blue (89%)



- Cyan (32%)
- Magenta (0%)
- Yellow (8%)
- Black (11%)




- Cyan (40%)
- Magenta (11%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 26.318, 177.646 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, 26.318, 177.646 by changing the saturation by 10% instead.

 85, 26.318,
177.646


 85, 26.318,
177.646


 100, 26.318,
177.646


 75, 26.318,
177.646

 65, 26.318,
177.646

 55, 26.318,
177.646

 45, 26.318,
177.646

 35, 26.318,
177.646

 25, 26.318,
177.646

 15, 26.318,

177.646

■ 5, 26.318, 177.646

■ 0, 26.318, 177.646

■ 85, 26.318,
177.646

■ 85, 26.318,
177.646

■ 84, 33.561,
176.512

■ 86, 18.538,
178.697

■ 83, 40.122,
175.280

■ 88, 10.362,
179.698

■ 82, 45.873,
173.924

■ 90, 1.924, 180.852

■ 81, 50.720,
172.420

■ 91, 6.664, 1.361

■ 93, 11.388,
355.179

■ 81, 54.626,

170.744

93, 12.729,
343.991

81, 57.633,
168.883

93, 14.469,
335.254

81, 59.498,
167.352

93, 16.483,
328.568

93, 17.913,
325.046

Harmonies

Complementary

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



85, 26.318, 177.646



71, 29.735, 4.485

Rectangle

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



85, 26.318, 177.646



85, 26.318, 227.646



85, 26.318, 357.646



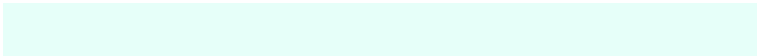
85, 26.318, 47.646

Sweetspot

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



85, 26.319, 177.644



98, 9.337, 179.915



85, 43.404, 136.137



52, 6.360, 179.775



0, 0.000, 0.000



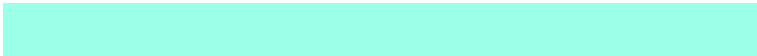
53, 0.007, 296.813

Same Dimension

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



85, 26.319, 177.644



94, 34.420, 176.861



80, 19.778, 230.211



46, 4.783, 179.978



64, 49.044, 167.714



17, 19.196, 171.418

Inverse Universe

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



71, 29.735, 4.485



75, 40.022, 5.629



75, 24.396, 46.094



44, 4.948, 1.605



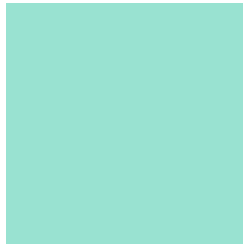
37, 68.778, 26.657



6, 25.287, 11.030

Previews

White Background



This preview shows how the CIE LCh color 85, 26.318, 177.646 looks on a white background.

Color Contrast Check

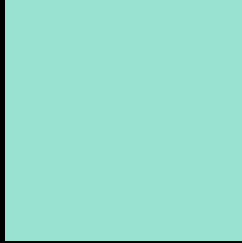
Large Text (above 18pt) WCAG AA × Fail

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, 26.318, 177.646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

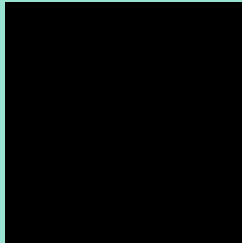
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

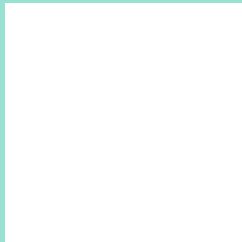
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 26.318, 177.646

Background



This preview shows how black text looks on a background with the CIELCh color 85, 26.318, 177.646.

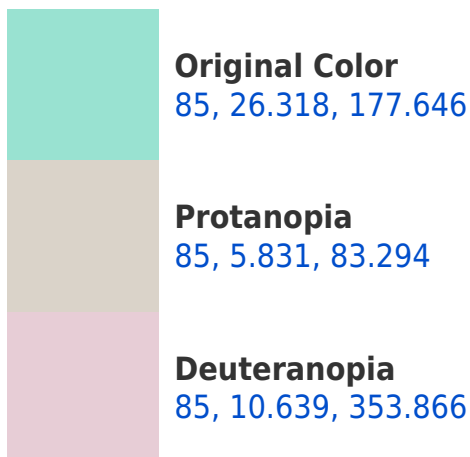


This preview shows how white text looks on a background with the CIELCh color 85, 26.318, 177.646.

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, 21.495, 224.559

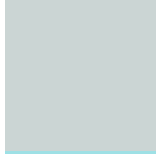
Trichromacy



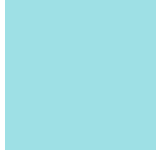
Original Color
85, 26.318, 177.646



Protanomaly
85, 10.811, 159.490



Deuteranomaly
85, 3.624, 190.943

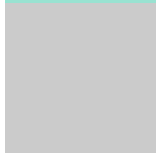


Tritanomaly
85, 21.475, 205.084

Monochromacy



Original Color
85, 26.318, 177.646



Achromatopsia
82, 0.010, 296.813



Achromatomaly
83, 9.829, 179.861

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 26.318, 177.646 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(153, 226, 209)` looks like.

```
.text, #text, p{  
    color:rgb(153, 226, 209)  
}
```

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(153, 226, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 226, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 26.318, 177.646 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(153, 226, 209) }
```

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

```
.border{ border-color:rgb(153, 226, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 226, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 226, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 226, 209);  
box-shadow:4px 4px 4px 4px rgb(153, 226,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 26.318, 177.646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 226, 209) }
```

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

```
.background{ background-color: rgb(153,  
226, 209) }
```

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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