

Converting Colors

CIELCh(85, 26.064, 176.442)

Have a look what the booklet for
CIELCh(85, 26.064, 176.442)
contains.

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Color

CIELCh(85, 26.002, 176.185)

Conversions

Conversions Part 1

Format	Color
Hex	9BE2D0
RGB	155, 226, 208
RGB Percent	61%, 89%, 82%
CMY	0.3916, 0.1132, 0.1838
CMYK	0.31, 0.00, 0.08, 0.11
HSL	165°, 55%, 75%
HSV	165°, 31%, 89%
XYZ	52.1763, 66.0070, 69.7496
YIQ	202.7190, -36.5380, -20.6500

Conversions

Conversions Part 2

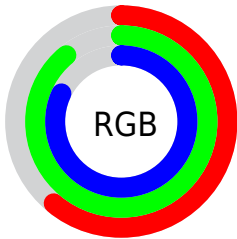
Format	Color
RYB	155, 196, 226
Decimal	10216144
CIELab	85.00, -25.94, 1.73
CIELCh	85, 26.002, 176.185
Yxy	66.0070, 0.2776, 0.3512
Android (android.graphics.Color)	4288406224 (0xFF9BE2D0)
YUV	202.7190, 2.6035, -41.8496
Hunter-Lab	81.2447, -27.5434, 5.9701

Details

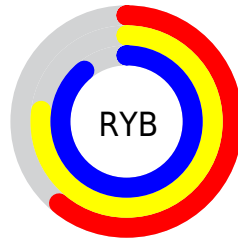
The CIELCh color **85, 26.002, 176.185** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **71, 29.043, 2.838**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 14.683, 198.527**, and **65, 25.704, 176.880** is the 20% darker color. If you saturate the color by 10%, you get **84, 33.441, 175.033**, and if you desaturate by 10%, it is **86, 18.057, 177.249**.

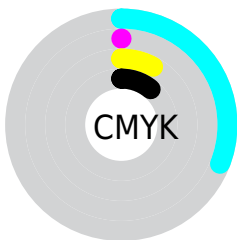
Distribution



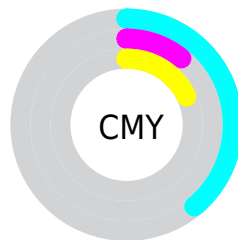
- Red (61%)
- Green (89%)
- Blue (82%)



- Red (61%)
- Yellow (77%)
- Blue (89%)



- Cyan (31%)
- Magenta (0%)
- Yellow (8%)
- Black (11%)





- Cyan (39%)
- Magenta (11%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 26.002, 176.185 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, 26.002, 176.185 by changing the saturation by 10% instead.


 85, 26.002,
176.185


 85, 26.002,
176.185


 100, 26.002,
176.185


 75, 26.002,
176.185

 65, 26.002,
176.185

 55, 26.002,
176.185

 45, 26.002,
176.185

 35, 26.002,
176.185

 25, 26.002,
176.185

 15, 26.002,

176.185

■ 5, 26.002, 176.185

■ 0, 26.002, 176.185

■ 85, 26.002,
176.185

■ 85, 26.002,
176.185

■ 84, 33.441,
175.033

■ 86, 18.057,
177.249

■ 83, 40.226,
173.777

■ 88, 9.747, 178.260

■ 82, 46.226,
172.392

■ 90, 1.203, 179.580

■ 92, 7.464, 359.935

■ 81, 51.339,
170.851

■ 92, 11.746,
352.351

■ 81, 55.520,

169.132

93, 13.337,
341.017

81, 58.801,
167.221

93, 15.347,
332.422

80, 61.067,
165.466

93, 17.632,
325.990

93, 18.048,
325.051

Harmonies

Complementary

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



85, 26.002, 176.185



71, 29.043, 2.838

Rectangle

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



85, 26.002, 176.185



85, 26.002, 226.185



85, 26.002, 356.185



85, 26.002, 46.185

Sweetspot

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



85, 26.003, 176.183



98, 8.503, 178.495



85, 41.798, 135.218



52, 5.900, 178.347



0, 0.000, 0.000



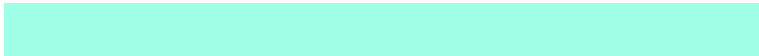
53, 0.007, 296.813

Same Dimension

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



85, 26.003, 176.183



94, 34.127, 175.405



81, 19.398, 225.498



46, 4.834, 178.457



64, 50.352, 165.839



17, 19.622, 169.689

Inverse Universe

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



71, 29.043, 2.838



76, 39.120, 3.926



75, 23.998, 42.621



44, 4.991, 0.097



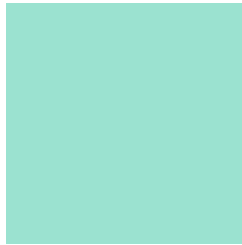
37, 67.943, 24.950



6, 25.299, 10.063

Previews

White Background



This preview shows how the CIE LCh color 85, 26.002, 176.185 looks on a white background.

Color Contrast Check

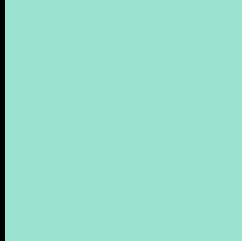
Large Text (above 18pt) WCAG AA × Fail

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, 26.002, 176.185 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

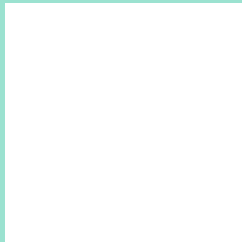
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 26.002, 176.185

Background



This preview shows how black text looks on a background with the CIELCh color 85, 26.002, 176.185.

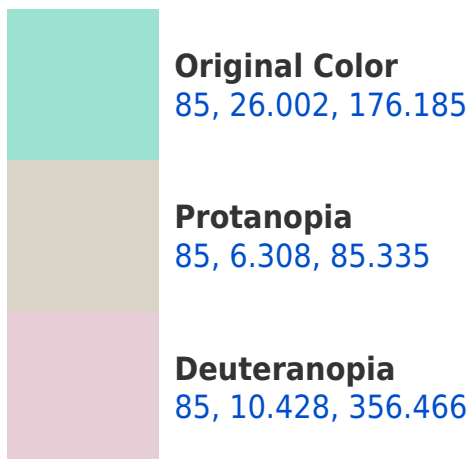


This preview shows how white text looks on a background with the CIELCh color 85, 26.002, 176.185.

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, 20.821, 223.870

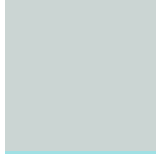
Trichromacy



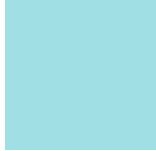
Original Color
85, 26.002, 176.185



Protanomaly
85, 10.900, 156.256



Deuteranomaly
84, 3.750, 182.979

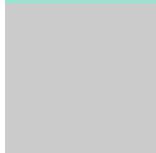


Tritanomaly
85, 20.910, 203.841

Monochromacy



Original Color
85, 26.002, 176.185



Achromatopsia
82, 0.010, 296.813



Achromatomaly
83, 9.503, 179.219

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 26.002, 176.185 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(155, 226, 208)` looks like.

```
.text, #text, p{  
    color:rgb(155, 226, 208)  
}
```

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(155, 226, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 226, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 26.002, 176.185 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(155, 226, 208) }
```

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

```
.border{ border-color:rgb(155, 226, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 226, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 226, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 226, 208);  
box-shadow:4px 4px 4px 4px rgb(155, 226,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 26.002, 176.185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 226, 208) }
```

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

```
.background{ background-color: rgb(155,  
226, 208) }
```

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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