

Converting Colors

CIELCh(85, 24.304, 183.636)

Have a look what the booklet for
CIELCh(85, 24.304, 183.636)
contains.

CIELCh(85, 24.675, 182.818)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(85, 24.675, 182.818)

Conversions

Conversions Part 1

Format	Color
Hex	9BE2D6
RGB	155, 226, 214
RGB Percent	61%, 89%, 84%
CMY	0.3933, 0.1149, 0.1619
CMYK	0.31, 0.00, 0.05, 0.11
HSL	170°, 55%, 75%
HSV	170°, 31%, 89%
XYZ	52.6746, 66.0070, 73.3829
YIQ	203.4030, -38.4640, -18.7840

Conversions

Conversions Part 2

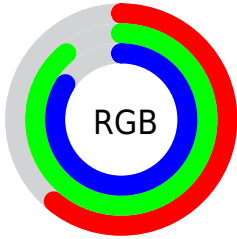
Format	Color
RYB	155, 194, 226
Decimal	10216150
CIELab	85.00, -24.65, -1.21
CIELCh	85, 24.675, 182.818
Yxy	66.0070, 0.2743, 0.3437
Android (android.graphics.Color)	4288406230 (0xFF9BE2D6)
YUV	203.4030, 5.2243, -42.4494
Hunter-Lab	81.2447, -26.4486, 3.3186

Details

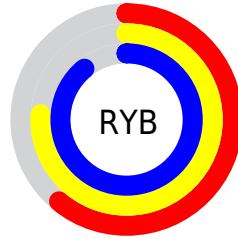
The CIELCh color **85, 24.675, 182.818** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **71, 28.527, 9.173**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 14.683, 198.527**, and **65, 24.499, 182.785** is the 20% darker color. If you saturate the color by 10%, you get **84, 31.519, 181.805**, and if you desaturate by 10%, it is **86, 17.251, 183.775**.

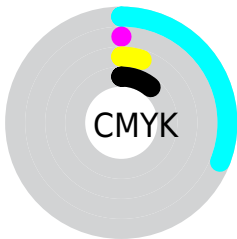
Distribution



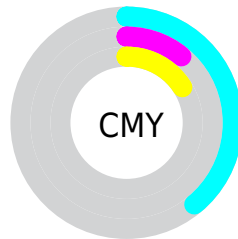
- Red (61%)
- Green (89%)
- Blue (84%)



- Red (61%)
- Yellow (76%)
- Blue (89%)



- Cyan (31%)
- Magenta (0%)
- Yellow (5%)
- Black (11%)



- Cyan (39%)
- Magenta (11%)
- Yellow (16%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 24.675, 182.818 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, 24.675, 182.818 by changing the saturation by 10% instead.

 85, 24.675,
182.818


 85, 24.675,
182.818


 100, 24.675,
182.818


 75, 24.675,
182.818

 65, 24.675,
182.818

 55, 24.675,
182.818

 45, 24.675,
182.818

 35, 24.675,
182.818

 25, 24.675,
182.818

 15, 24.675,

182.818

■ 5, 24.675, 182.818

■ 0, 24.675, 182.818

■ 85, 24.675,
182.818

■ 85, 24.675,
182.818

■ 84, 31.519,
181.805

■ 86, 17.251,
183.775

■ 83, 37.641,
180.725

■ 88, 9.383, 184.708

■ 82, 42.921,
179.557

■ 90, 1.204, 185.990

■ 91, 7.172, 6.278

■ 82, 47.271,
178.278


■ 92, 11.201, 1.214


■ 81, 50.657,


■ 92, 11.941,


176.865


352.235

 81, 53.121,
175.301

 92, 12.945,
344.495

 81, 54.664,
173.866

 93, 14.157,
337.997

 93, 15.529,
332.611

Harmonies

Complementary

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



85, 24.675, 182.818



71, 28.527, 9.173

Rectangle

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



85, 24.675, 182.818



85, 24.675, 232.818



85, 24.675, 2.818



85, 24.675, 52.818

Sweetspot

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



85, 24.676, 182.815



98, 8.170, 184.935



84, 42.899, 137.590



52, 5.665, 184.796



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, 24.676, 182.815



94, 32.245, 182.134



79, 19.367, 237.073



46, 4.644, 184.899



64, 45.225, 174.170



17, 17.961, 177.262

Inverse Universe

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



71, 28.527, 9.173



75, 38.598, 10.275



76, 23.303, 51.520



44, 4.838, 6.442



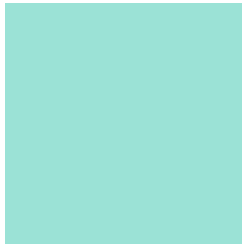
37, 71.672, 31.482



6, 25.287, 13.791

Previews

White Background



This preview shows how the CIELCh color 85, 24.675, 182.818 looks on a white background.

Color Contrast Check

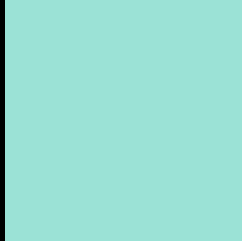
Large Text (above 18pt) WCAG AA × Fail

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, 24.675, 182.818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

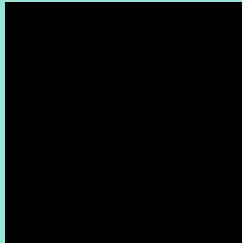
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

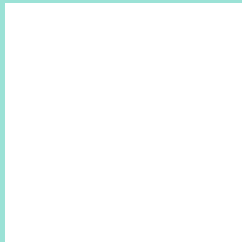
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 24.675, 182.818

Background



This preview shows how black text looks on a background with the CIELCh color 85, 24.675, 182.818.

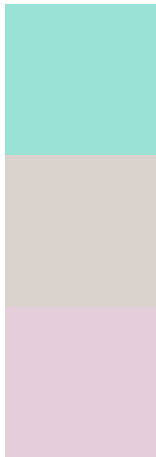


This preview shows how white text looks on a background with the CIELCh color 85, 24.675, 182.818.

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, 24.675, 182.818

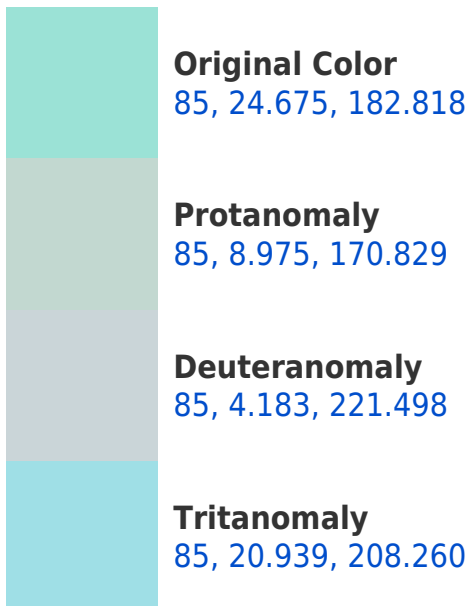
Protanopia
85, 3.656, 65.187

Deuteranopia
85, 11.103, 342.283

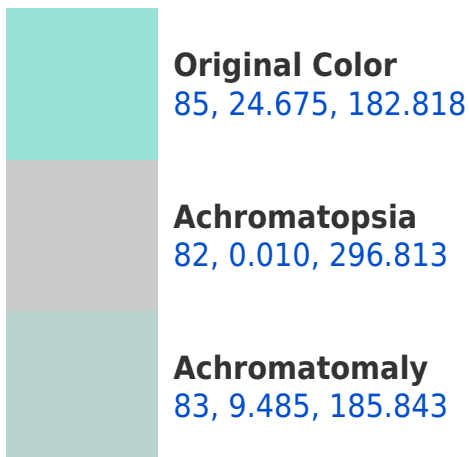


Tritanopia
85, 21.243, 224.909

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 24.675, 182.818 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, 214)` looks like.

```
.text, #text, p{  
    color:rgb(155, 226, 214)  
}
```

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, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 226, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 24.675, 182.818 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, 214) }
```

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

```
.border{ border-color:rgb(155, 226, 214) }
```

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, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 226, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 226, 214);  
box-shadow:4px 4px 4px 4px rgb(155, 226,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 24.675, 182.818 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, 214) }
```

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

```
.background{ background-color: rgb(155,  
226, 214) }
```

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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