

Converting Colors

CIELCh(85, 19.556, 210.672)

Have a look what the booklet for
CIELCh(85, 19.556, 210.672)
contains.

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Color

CIELCh(85, 19.563, 210.674)

Conversions

Conversions Part 1

Format	Color
Hex	A3DEE6
RGB	163, 222, 230
RGB Percent	64%, 87%, 90%
CMY	0.3593, 0.1279, 0.0965
CMYK	0.29, 0.03, 0.00, 0.10
HSL	187°, 58%, 77%
HSV	187°, 29%, 90%
XYZ	55.7409, 66.0070, 84.9492
YIQ	205.2710, -37.7320, -10.0200

Conversions

Conversions Part 2

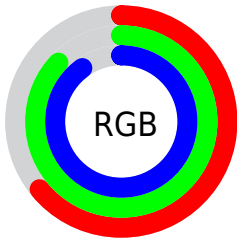
Format	Color
RYB	163, 194, 230
Decimal	10739430
CIELab	85.00, -16.83, -9.98
CIElCh	85, 19.563, 210.674
Yxy	66.0070, 0.2697, 0.3193
Android (android.graphics.Color)	4288929510 (0xFFA3DEE6)
YUV	205.2710, 12.1914, -37.0717
Hunter-Lab	81.2447, -19.7118, -5.1221

Details

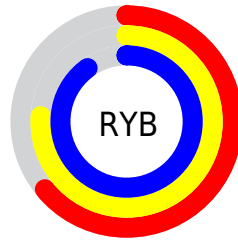
The CIELCh color **85, 19.563, 210.674** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **75, 24.072, 31.507**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 12.126, 198.696**, and **65, 19.587, 211.105** is the 20% darker color. If you saturate the color by 10%, you get **83, 25.182, 210.948**, and if you desaturate by 10%, it is **87, 13.303, 210.555**.

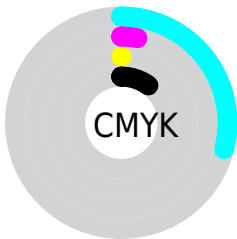
Distribution



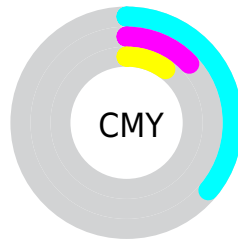
- Red (64%)
- Green (87%)
- Blue (90%)



- Red (64%)
- Yellow (76%)
- Blue (90%)



- Cyan (29%)
- Magenta (3%)
- Yellow (0%)
- Black (10%)





- Cyan (36%)
- Magenta (13%)
- Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 19.563, 210.674 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, 19.563, 210.674 by changing the saturation by 10% instead.


 85, 19.563,
210.674


 85, 19.563,
210.674


 100, 19.563,
210.674


 75, 19.563,
210.674

 65, 19.563,
210.674

 55, 19.563,
210.674

 45, 19.563,
210.674

 35, 19.563,
210.674

 25, 19.563,
210.674

 15, 19.563,

210.674

■ 5, 19.563, 210.674

■ 0, 19.563, 210.674

■ 85, 19.563,
210.674

■ 85, 19.563,
210.674

■ 83, 25.182,
210.948

■ 87, 13.303,
210.555

■ 81, 30.042,
211.424

■ 89, 6.521, 210.599

■ 92, 0.671, 29.677

■ 80, 34.037,
212.138

■ 94, 7.982, 30.940

■ 78, 37.092,
213.138

■ 95, 7.438, 43.027

■ 77, 39.181,

■ 95, 7.268, 56.305

214.476

96, 7.498, 69.451

76, 40.345,
216.199

97, 8.090, 81.212

75, 40.754,
218.309

97, 8.971, 90.991

75, 40.779,
218.509

Harmonies

Complementary

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



85, 19.563, 210.674



75, 24.072, 31.507

Rectangle

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



85, 19.563, 210.674



85, 19.563, 260.674



85, 19.563, 30.674



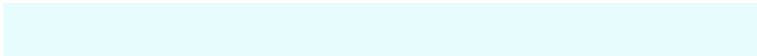
85, 19.563, 80.674

Sweetspot

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



85, 19.563, 210.670



98, 7.014, 210.600



86, 39.478, 145.669



52, 4.855, 210.581



0, 0.000, 0.000



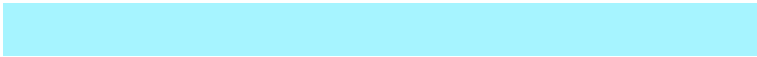
53, 0.007, 296.813

Same Dimension

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



85, 19.563, 210.670



92, 24.921, 210.818



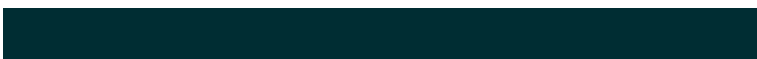
76, 23.454, 271.507



47, 4.060, 210.594



59, 33.728, 218.096



16, 14.324, 214.339

Inverse Universe

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



75, 39.462, 329.595



79, 51.377, 329.967



83, 24.072, 83.099



45, 7.652, 328.397



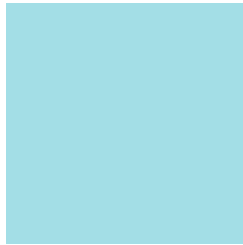
41, 80.548, 333.621



8, 34.289, 332.697

Previews

White Background



This preview shows how the CIE LCh color 85, 19.563, 210.674 looks on a white background.

Color Contrast Check

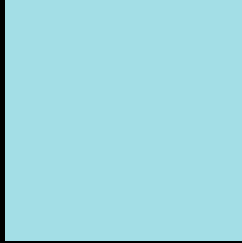
Large Text (above 18pt) WCAG AA × Fail

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, 19.563, 210.674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

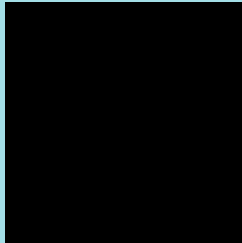
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 19.563, 210.674

Background



This preview shows how black text looks on a background with the CIELCh color 85, 19.563, 210.674.

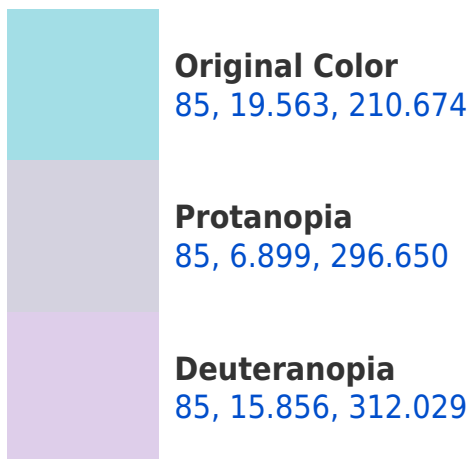


This preview shows how white text looks on a background with the CIELCh color 85, 19.563, 210.674.

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



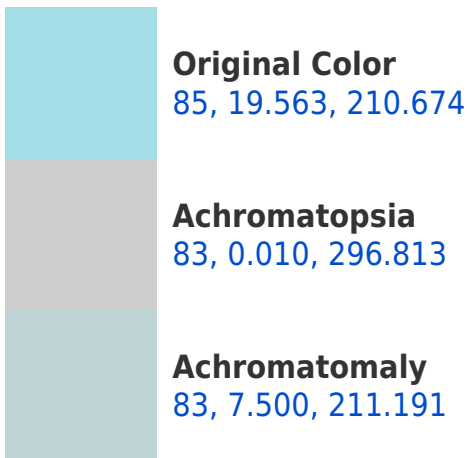


Tritanopia
85, 19.985, 226.824

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 19.563, 210.674 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(163, 222, 230)` looks like.

```
.text, #text, p{  
    color:rgb(163, 222, 230)  
}
```

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(163, 222, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 222, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 19.563, 210.674 is called "border". The border property can be set on classes, ids or directly on the HTML element.

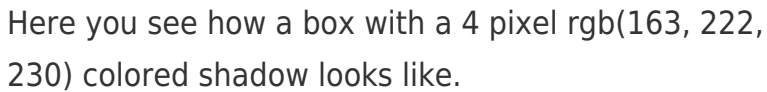
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(163, 222, 230) }
```

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

```
.border{ border-color:rgb(163, 222, 230) }
```

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



Here you see how a box with a 4 pixel `rgb(163, 222, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 222, 230); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 222, 230); box-shadow:4px 4px 4px 4px rgb(163, 222, 230) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 19.563, 210.674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 222, 230) }
```

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

```
.background{ background-color: rgb(163,  
222, 230) }
```

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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