

Converting Colors

CIELCh(85, 28.606, 169.748)

Have a look what the booklet for
CIELCh(85, 28.606, 169.748)
contains.

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Color

CIELCh(85, 28.424, 169.861)

Conversions

Conversions Part 1

Format	Color
Hex	9AE3CA
RGB	154, 227, 202
RGB Percent	60%, 89%, 79%
CMY	0.3964, 0.1102, 0.2082
CMYK	0.32, 0.00, 0.11, 0.11
HSL	159°, 57%, 75%
HSV	159°, 32%, 89%
XYZ	51.4018, 66.0070, 65.8514
YIQ	202.3230, -35.4830, -23.2510

Conversions

Conversions Part 2

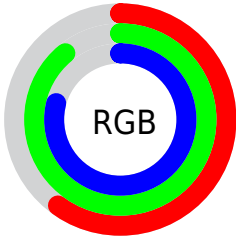
Format	Color
RYB	154, 198, 227
Decimal	10150858
CIELab	85.00, -27.98, 5.00
CIELCh	85, 28.424, 169.861
Yxy	66.0070, 0.2805, 0.3602
Android (android.graphics.Color)	4288340938 (0xFF9AE3CA)
YUV	202.3230, -0.1592, -42.3793
Hunter-Lab	81.2447, -29.2450, 8.8149

Details

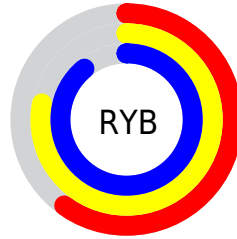
The CIELCh color **85, 28.424, 169.861** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **71, 30.835, 356.645**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 14.999, 198.507**, and **65, 28.252, 170.063** is the 20% darker color. If you saturate the color by 10%, you get **84, 36.538, 168.639**, and if you desaturate by 10%, it is **86, 19.863, 170.971**.

Distribution



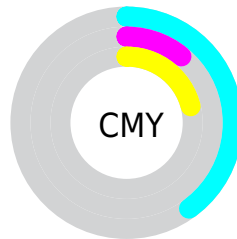
- Red (60%)
- Green (89%)
- Blue (79%)



- Red (60%)
- Yellow (78%)
- Blue (89%)



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




- Cyan (40%)
- Magenta (11%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 28.424, 169.861 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, 28.424, 169.861 by changing the saturation by 10% instead.


 85, 28.424,
169.861

 85, 28.424,
169.861


 100, 28.424,
169.861


 75, 28.424,
169.861

 65, 28.424,
169.861

 55, 28.424,
169.861

 45, 28.424,
169.861

 35, 28.424,
169.861

 25, 28.424,
169.861

 15, 28.424,

169.861

■ 5, 28.424, 169.861

■ 0, 28.424, 169.861

■ 85, 28.424,
169.861

■ 85, 28.424,
169.861

■ 84, 36.538,
168.639

■ 86, 19.863,
170.971

■ 83, 44.046,
167.285

■ 88, 10.999,
172.002

■ 82, 50.808,
165.772

■ 90, 1.966, 173.148

■ 81, 56.714,
164.074

■ 92, 7.125, 353.688

■ 93, 12.334,
344.922

■ 81, 61.707,

162.173

93, 14.965,
332.291

80, 65.814,
160.063

93, 17.563,
325.033

80, 68.561,
158.321

Harmonies

Complementary

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



85, 28.424, 169.861



71, 30.835, 356.645

Rectangle

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



85, 28.424, 169.861



85, 28.424, 219.861



85, 28.424, 349.861



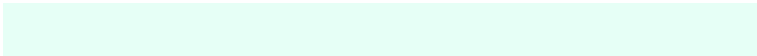
85, 28.424, 39.861

Sweetspot

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



85, 28.425, 169.859



98, 9.946, 172.214



85, 41.874, 132.621



52, 6.781, 172.072



0, 0.000, 0.000



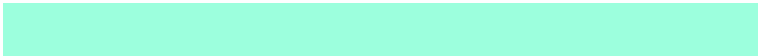
53, 0.007, 296.813

Same Dimension

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



85, 28.425, 169.859



93, 37.382, 169.008



83, 20.652, 214.521



46, 5.093, 172.277



64, 56.293, 158.733



17, 21.575, 163.008

Inverse Universe

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



71, 30.835, 356.645



75, 41.298, 357.711



73, 26.032, 34.465



44, 5.215, 353.917



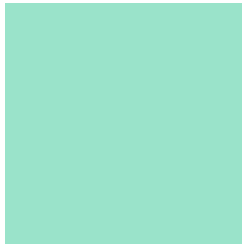
37, 65.153, 16.968



6, 25.460, 5.308

Previews

White Background



This preview shows how the CIELCh color 85, 28.424, 169.861 looks on a white background.

Color Contrast Check

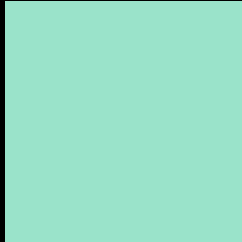
Large Text (above 18pt) WCAG AA × Fail

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, 28.424, 169.861 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

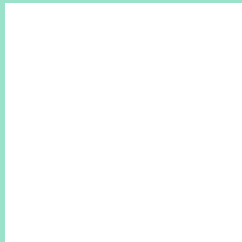
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 28.424, 169.861

Background



This preview shows how black text looks on a background with the CIELCh color 85, 28.424, 169.861.

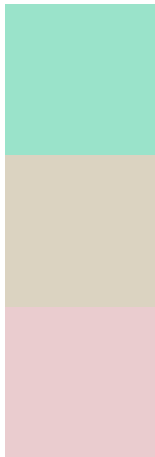


This preview shows how white text looks on a background with the CIELCh color 85, 28.424, 169.861.

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, 28.424, 169.861

Protanopia
85, 9.890, 91.636

Deuteranopia
85, 11.245, 12.210

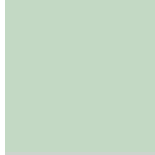


Tritanopia
85, 20.821, 223.870

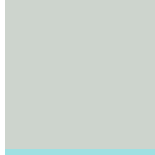
Trichromacy



Original Color
85, 28.424, 169.861



Protanomaly
85, 13.720, 145.091



Deuteranomaly
84, 4.495, 144.317

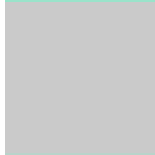


Tritanomaly
85, 21.251, 200.844

Monochromacy



Original Color
85, 28.424, 169.861



Achromatopsia
81, 0.010, 296.813



Achromatomaly
82, 10.522, 171.750

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 28.424, 169.861 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(154, 227, 202)` looks like.

```
.text, #text, p{  
    color:rgb(154, 227, 202)  
}
```

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(154, 227, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 227, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 28.424, 169.861 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(154, 227, 202) }
```

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

```
.border{ border-color:rgb(154, 227, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 227, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 227, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 227, 202);  
box-shadow:4px 4px 4px 4px rgb(154, 227,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 28.424, 169.861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 227, 202) }
```

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

```
.background{ background-color: rgb(154,  
227, 202) }
```

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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