

Converting Colors

CIELCh(81, 16.989, 176.008)

Have a look what the booklet for
CIELCh(81, 16.989, 176.008)
contains.

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Color

CIELCh(81, 16.860, 175.911)

Conversions

Conversions Part 1

Format	Color
Hex	A6D2C6
RGB	166, 210, 198
RGB Percent	65%, 82%, 78%
CMY	0.3479, 0.1753, 0.2224
CMYK	0.21, 0.00, 0.06, 0.18
HSL	164°, 33%, 74%
HSV	164°, 21%, 82%
XYZ	49.1351, 58.4711, 62.3020
YIQ	195.4760, -22.3720, -13.0600

Conversions

Conversions Part 2

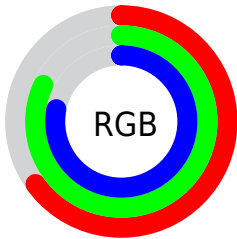
Format	Color
RYB	166, 191, 210
Decimal	10932934
CIELab	81.00, -16.82, 1.20
CIElCh	81, 16.860, 175.911
Yxy	58.4711, 0.2892, 0.3441
Android (android.graphics.Color)	4289123014 (0xFFA6D2C6)
YUV	195.4760, 1.2443, -25.8505
Hunter-Lab	76.4664, -19.1173, 5.2192

Details

The CIELCh color **81, 16.860, 175.911** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **72, 18.026, 0.019**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 11.153, 198.761**, and **61, 16.758, 176.112** is the 20% darker color. If you saturate the color by 10%, you get **80, 24.495, 174.837**, and if you desaturate by 10%, it is **82, 8.908, 176.920**.

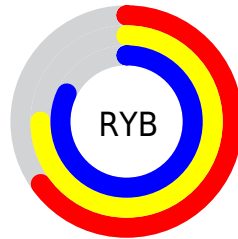
Distribution



Red (65%)

Green (82%)

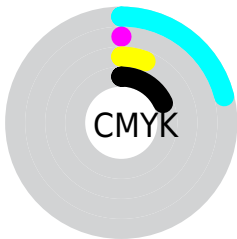
Blue (78%)



Red (65%)

Yellow (75%)

Blue (82%)

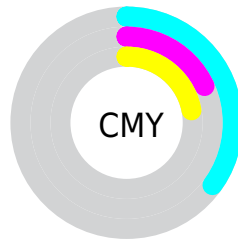


Cyan (21%)

Magenta (0%)

Yellow (6%)

Black (18%)



Cyan (35%)


Magenta (18%)


Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 16.860, 175.911 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 81, 16.860, 175.911 by changing the saturation by 10% instead.


 81, 16.860,
175.911


 81, 16.860,
175.911


 100, 16.860,
175.911


 71, 16.860,
175.911


 61, 16.860,
175.911

 51, 16.860,
175.911

 41, 16.860,
175.911

 31, 16.860,
175.911

 21, 16.860,
175.911

 11, 16.860,

175.911

■ 1, 16.860, 175.911

■ 0, 16.860, 175.911

■ 81, 16.860,
175.911

■ 81, 16.860,
175.911

■ 80, 24.495,
174.837

■ 82, 8.908, 176.920

■ 79, 31.677,
173.679

■ 84, 0.758, 178.455

■ 78, 38.267,
172.411

■ 86, 7.488, 358.592

■ 88, 15.745,
359.456

■ 77, 44.140,
171.009

■ 88, 18.407,
352.788

■ 76, 49.195,

169.448

89, 19.872,
345.084

76, 53.383,
167.705

89, 21.661,
338.584

75, 56.724,
165.767

89, 23.700,
333.178

75, 59.190,
163.890

89, 25.928,
328.706

Harmonies

Complementary

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



81, 16.860, 175.911



72, 18.026, 0.019

Rectangle

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



81, 16.860, 175.911



81, 16.860, 225.911



81, 16.860, 355.911



81, 16.860, 45.911

Sweetspot

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



81, 16.861, 175.907



99, 5.741, 177.422



81, 26.152, 135.297



53, 3.806, 177.350



0, 0.000, 0.000



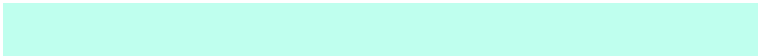
53, 0.007, 296.813

Same Dimension

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



81, 16.861, 175.907



95, 23.393, 175.451



79, 12.697, 222.429



43, 4.610, 177.074



61, 49.874, 164.248



14, 17.831, 169.020

Inverse Universe

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



72, 18.026, 0.019



84, 25.382, 0.570



75, 14.555, 40.940



41, 4.749, 358.706



35, 64.962, 23.089



4, 20.401, 6.884

Previews

White Background



This preview shows how the CIELCh color 81, 16.860, 175.911 looks on a white background.

Color Contrast Check

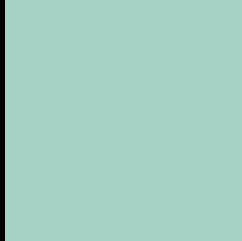
Large Text (above 18pt) WCAG AA × Fail

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 81, 16.860, 175.911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

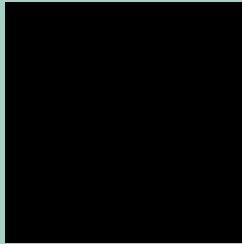
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

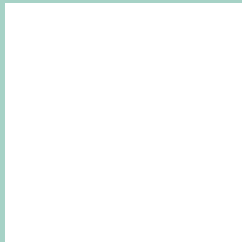
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 16.860, 175.911

Background



This preview shows how black text looks on a background with the CIELCh color 81, 16.860, 175.911.

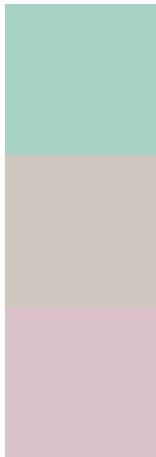


This preview shows how white text looks on a background with the CIELCh color 81, 16.860, 175.911.

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](#).

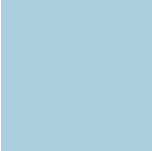
Dichromacy



Original Color
81, 16.860, 175.911

Protanopia
81, 4.774, 81.819

Deuteranopia
81, 10.194, 355.636



Tritanopia
81, 14.520, 234.736

Trichromacy



Original Color
81, 16.860, 175.911

Protanomaly
81, 6.929, 149.072

Deuteranomaly
81, 0.541, 290.344

Tritanomaly
81, 13.575, 212.174

Monochromacy



Original Color
81, 16.860, 175.911

Achromatopsia
79, 0.010, 296.813

Achromatomaly
80, 6.194, 178.875

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 16.860, 175.911 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(166, 210, 198)` looks like.

```
.text, #text, p{  
    color:rgb(166, 210, 198)  
}
```

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(166, 210, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 210, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 16.860, 175.911 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(166, 210, 198) }
```

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

```
.border{ border-color:rgb(166, 210, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 210, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 210, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 210, 198);  
box-shadow:4px 4px 4px 4px rgb(166, 210,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 16.860, 175.911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 210, 198) }
```

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

```
.background{ background-color: rgb(166,  
210, 198) }
```

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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