

Converting Colors

CIELCh(81, 17.647, 180.533)

Have a look what the booklet for
CIELCh(81, 17.647, 180.533)
contains.

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Color

CIELCh(81, 17.635, 180.543)

Conversions

Conversions Part 1

Format	Color
Hex	A3D3C9
RGB	163, 211, 201
RGB Percent	64%, 83%, 79%
CMY	0.3615, 0.1733, 0.2125
CMYK	0.23, 0.00, 0.05, 0.17
HSL	167°, 35%, 73%
HSV	167°, 23%, 83%
XYZ	48.8355, 58.4711, 63.8561
YIQ	195.5080, -25.3980, -13.2860

Conversions

Conversions Part 2

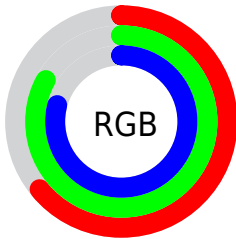
Format	Color
RYB	163, 190, 211
Decimal	10736585
CIELab	81.00, -17.63, -0.17
CIELCh	81, 17.635, 180.543
Yxy	58.4711, 0.2853, 0.3416
Android (android.graphics.Color)	4288926665 (0xFFA3D3C9)
YUV	195.5080, 2.7076, -28.5095
Hunter-Lab	76.4664, -19.8165, 4.0141

Details

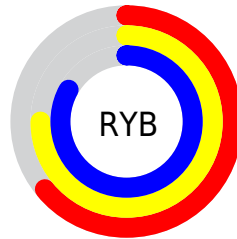
The CIELCh color **81, 17.635, 180.543** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **72, 19.303, 4.978**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 12.126, 198.696**, and **61, 17.512, 180.928** is the 20% darker color. If you saturate the color by 10%, you get **80, 24.818, 179.517**, and if you desaturate by 10%, it is **82, 10.056, 181.516**.

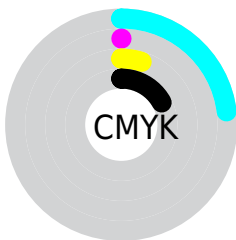
Distribution



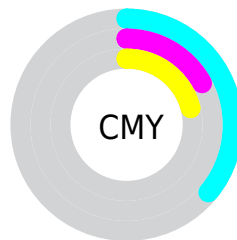
- Red (64%)
- Green (83%)
- Blue (79%)



- Red (64%)
- Yellow (75%)
- Blue (83%)



- Cyan (23%)
- Magenta (0%)
- Yellow (5%)
- Black (17%)





- Cyan (36%)
- Magenta (17%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 17.635, 180.543 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, 17.635, 180.543 by changing the saturation by 10% instead.


 81, 17.635,
180.543


 81, 17.635,
180.543


 100, 17.635,
180.543


 71, 17.635,
180.543


 61, 17.635,
180.543

 51, 17.635,
180.543

 41, 17.635,
180.543

 31, 17.635,
180.543

 21, 17.635,
180.543

 11, 17.635,

180.543

■ 1, 17.635, 180.543

■ 0, 17.635, 180.543

■ 81, 17.635,
180.543

■ 81, 17.635,
180.543

■ 80, 24.818,
179.517

■ 82, 10.056,
181.516

■ 79, 31.469,
178.425

■ 84, 2.202, 182.609

■ 86, 5.817, 3.144

■ 78, 37.457,
177.243

■ 88, 13.911, 4.028

■ 77, 42.665,
175.950

■ 88, 17.318,
359.758

■ 76, 47.010,

174.521

89, 18.161,
352.961

76, 50.462,
172.933

89, 19.247,
346.868

76, 53.063,
171.171

89, 20.536,
341.505

76, 54.565,
169.825

89, 21.993,
336.838

Harmonies

Complementary

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



81, 17.635, 180.543



72, 19.303, 4.978

Rectangle

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



81, 17.635, 180.543



81, 17.635, 230.543



81, 17.635, 0.543



81, 17.635, 50.543

Sweetspot

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



81, 17.636, 180.539



99, 6.479, 182.079



81, 29.097, 137.187



53, 4.207, 182.016



0, 0.000, 0.000



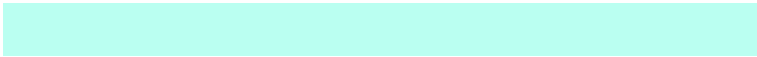
53, 0.007, 296.813

Same Dimension

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



81, 17.636, 180.539



95, 24.178, 180.084



78, 13.560, 231.386



43, 4.459, 181.844



61, 45.949, 170.149



14, 16.701, 174.342

Inverse Universe

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



72, 19.303, 4.978



82, 26.984, 5.579



75, 15.550, 48.247



41, 4.624, 3.431



35, 67.473, 28.399



4, 20.231, 9.828

Previews

White Background



This preview shows how the CIELCh color 81, 17.635, 180.543 looks on a white background.

Color Contrast Check

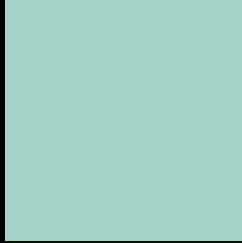
Large Text (above 18pt) WCAG AA × Fail

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, 17.635, 180.543 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, 17.635, 180.543

Background



This preview shows how black text looks on a background with the CIELCh color 81, 17.635, 180.543.



This preview shows how white text looks on a background with the CIELCh color 81, 17.635, 180.543.

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](#).

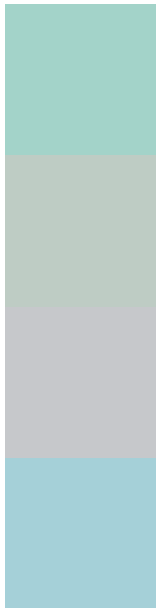
Dichromacy





Tritanopia
81, 15.801, 233.717

Trichromacy



Original Color
81, 17.635, 180.543

Protanomaly
81, 6.679, 159.520

Deuteranomaly
81, 1.749, 265.895

Tritanomaly
81, 14.976, 215.041

Monochromacy



Original Color
81, 17.635, 180.543

Achromatopsia
79, 0.010, 296.813

Achromatomaly
80, 6.865, 180.840

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 17.635, 180.543 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, 211, 201)` looks like.

```
.text, #text, p{  
    color:rgb(163, 211, 201)  
}
```

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, 211, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 211, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 17.635, 180.543 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, 211, 201) }
```

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

```
.border{ border-color:rgb(163, 211, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 211, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 211, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 211, 201);  
box-shadow:4px 4px 4px 4px rgb(163, 211,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 17.635, 180.543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 211, 201) }
```

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

```
.background{ background-color: rgb(163,  
211, 201) }
```

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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