

Converting Colors

CIELCh(81, 14.983, 173.740)

Have a look what the booklet for
CIELCh(81, 14.983, 173.740)
contains.

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Color

CIELCh(81, 14.781, 175.005)

Conversions

Conversions Part 1

Format	Color
Hex	ABD1C6
RGB	171, 209, 198
RGB Percent	67%, 82%, 78%
CMY	0.3286, 0.1796, 0.2227
CMYK	0.18, 0.00, 0.05, 0.18
HSL	163°, 29%, 75%
HSV	163°, 18%, 82%
XYZ	49.9076, 58.4711, 62.2066
YIQ	196.3840, -19.1170, -11.4770

Conversions

Conversions Part 2

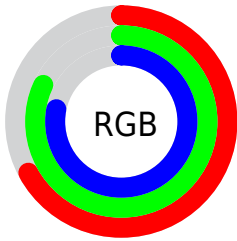
Format	Color
RYB	171, 193, 209
Decimal	11260358
CIELab	81.00, -14.72, 1.29
CIELCh	81, 14.781, 175.005
Yxy	58.4711, 0.2926, 0.3428
Android (android.graphics.Color)	4289450438 (0xFFABD1C6)
YUV	196.3840, 0.7967, -22.2618
Hunter-Lab	76.4664, -17.3139, 5.2931

Details

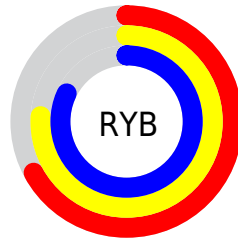
The CIELCh color **81, 14.781, 175.005** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **74, 15.607, 358.497**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 9.514, 198.874**, and **61, 15.187, 173.918** is the 20% darker color. If you saturate the color by 10%, you get **80, 22.588, 173.943**, and if you desaturate by 10%, it is **83, 6.708, 176.013**.

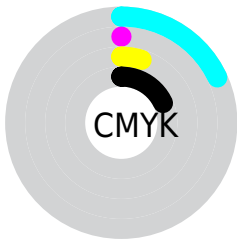
Distribution



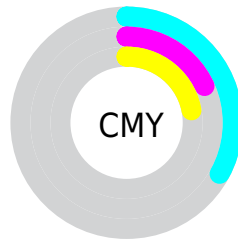
- Red (67%)
- Green (82%)
- Blue (78%)



- Red (67%)
- Yellow (76%)
- Blue (82%)



- Cyan (18%)
- Magenta (0%)
- Yellow (5%)
- Black (18%)





- Cyan (33%)
- Magenta (18%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 14.781, 175.005 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, 14.781, 175.005 by changing the saturation by 10% instead.


 81, 14.781,
175.005


 81, 14.781,
175.005


 100, 14.781,
175.005


 71, 14.781,
175.005


 61, 14.781,
175.005

 51, 14.781,
175.005

 41, 14.781,
175.005

 31, 14.781,
175.005

 21, 14.781,
175.005

 11, 14.781,

175.005

■ 1, 14.781, 175.005

■ 0, 14.781, 175.005

■ 81, 14.781,
175.005

■ 81, 14.781,
175.005

■ 80, 22.588,
173.943

■ 83, 6.708, 176.013

■ 78, 29.994,
172.800

■ 84, 1.520, 356.521

■ 77, 36.861,
171.548

■ 86, 9.805, 357.655

■ 88, 18.070,
358.492

■ 77, 43.057,
170.164

■ 88, 19.384,
349.811

■ 76, 48.471,

168.622

88, 21.071,
342.353

75, 53.036,
166.898

89, 23.077,
336.138

75, 56.746,
164.978

89, 25.326,
331.016

75, 59.715,
162.881

89, 27.755,
326.804

75, 60.230,
162.501

Harmonies

Complementary

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



81, 14.781, 175.005



74, 15.607, 358.497

Rectangle

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



81, 14.781, 175.005



81, 14.781, 225.005



81, 14.781, 355.005



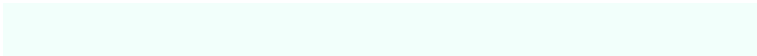
81, 14.781, 45.005

Sweetspot

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



81, 14.782, 175.001



99, 4.830, 176.348



81, 22.486, 134.923



53, 3.294, 176.267



0, 0.000, 0.000



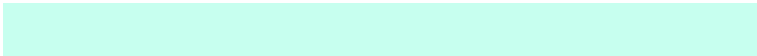
53, 0.007, 296.813

Same Dimension

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



81, 14.782, 175.001



96, 20.909, 174.577



79, 11.150, 220.161



43, 4.654, 175.886



61, 50.940, 162.858



14, 18.140, 167.743

Inverse Universe

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



74, 15.607, 358.497



85, 22.361, 358.989



75, 12.553, 39.167



41, 4.787, 357.521



35, 64.410, 21.613



4, 20.457, 6.074

Previews

White Background



This preview shows how the CIELCh color 81, 14.781, 175.005 looks on a white background.

Color Contrast Check

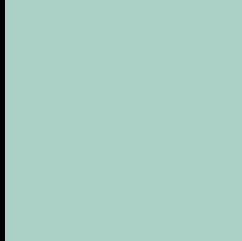
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 81, 14.781, 175.005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

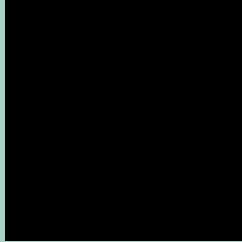
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

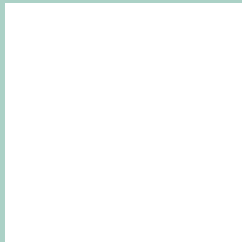
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 14.781, 175.005

Background



This preview shows how black text looks on a background with the CIELCh color 81, 14.781, 175.005.

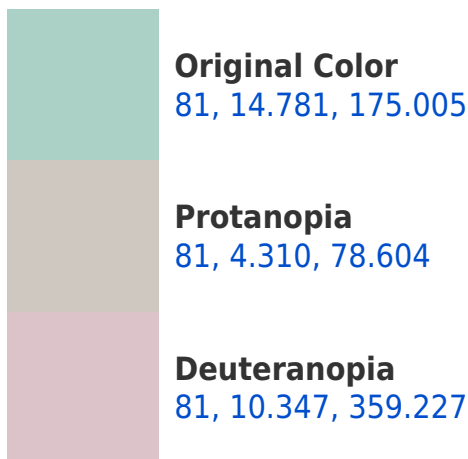


This preview shows how white text looks on a background with the CIELCh color 81, 14.781, 175.005.

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, 13.032, 239.762

Trichromacy



Original Color
81, 14.781, 175.005

Protanomaly
81, 5.637, 150.275

Deuteranomaly
81, 0.733, 18.709

Tritanomaly
81, 11.707, 214.537

Monochromacy



Original Color
81, 14.781, 175.005

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 5.201, 174.932

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 14.781, 175.005 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(171, 209, 198)` looks like.

```
.text, #text, p{  
    color:rgb(171, 209, 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(171, 209, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 209, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 14.781, 175.005 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(171, 209, 198) }
```

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

```
.border{ border-color:rgb(171, 209, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 209, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 209, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 209, 198);  
box-shadow:4px 4px 4px 4px rgb(171, 209,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 14.781, 175.005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 209, 198) }
```

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

```
.background{ background-color: rgb(171,  
209, 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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