

Converting Colors

CIELCh(81, 17.703, 146.286)

Have a look what the booklet for
CIELCh(81, 17.703, 146.286)
contains.

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Color

CIELCh(81, 17.957, 145.500)

Conversions

Conversions Part 1

Format	Color
Hex	B4D1B6
RGB	180, 209, 182
RGB Percent	71%, 82%, 71%
CMY	0.2954, 0.1816, 0.2875
CMYK	0.14, 0.00, 0.13, 0.18
HSL	124°, 24%, 76%
HSV	124°, 14%, 82%
XYZ	49.8802, 58.4711, 52.7416
YIQ	197.2510, -8.6170, -14.5450

Conversions

Conversions Part 2

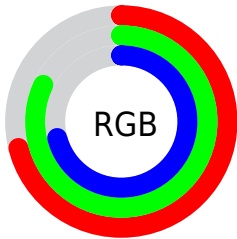
Format	Color
RYB	180, 207, 209
Decimal	11850166
CIELab	81.00, -14.80, 10.17
CIELCh	81, 17.957, 145.500
Yxy	58.4711, 0.3096, 0.3630
Android (android.graphics.Color)	4290040246 (0xFFB4D1B6)
YUV	197.2510, -7.5187, -15.1291
Hunter-Lab	76.4664, -17.3780, 12.6320

Details

The CIELCh color **81, 17.957, 145.500** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **76, 17.986, 327.124**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 11.003, 147.008**, and **61, 18.323, 145.294** is the 20% darker color. If you saturate the color by 10%, you get **79, 30.965, 144.738**, and if you desaturate by 10%, it is **83, 4.996, 146.185**.

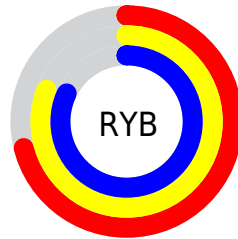
Distribution



Red (71%)

Green (82%)

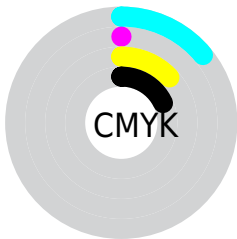
Blue (71%)



Red (71%)

Yellow (81%)

Blue (82%)

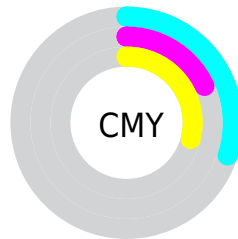


Cyan (14%)

Magenta (0%)

Yellow (13%)

Black (18%)



Cyan (30%)


Magenta (18%)

Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 17.957, 145.500 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, 17.957, 145.500 by changing the saturation by 10% instead.


 81, 17.957,
145.500

 81, 17.957,
145.500


 100, 17.957,
145.500

 71, 17.957,
145.500


 61, 17.957,
145.500

 51, 17.957,
145.500

 41, 17.957,
145.500

 31, 17.957,
145.500

 21, 17.957,
145.500

 11, 17.957,

145.500

■ 1, 17.957, 145.500

■ 0, 17.957, 145.500

■ 81, 17.957,
145.500

■ 81, 17.957,
145.500

■ 79, 30.965,
144.738

■ 83, 4.996, 146.185

■ 78, 43.818,
143.854

■ 85, 7.780, 326.640

■ 76, 56.264,
142.837

■ 87, 20.270,
327.130

■ 75, 67.989,
141.690

■ 89, 29.039,
325.436

■ 75, 78.624,

140.442

■ 74, 87.757,
139.155

■ 74, 94.959,
137.937

■ 73, 99.867,
136.926

■ 73, 101.736,
136.513

Harmonies

Complementary

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



81, 17.957, 145.500



76, 17.986, 327.124

Rectangle

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



81, 17.957, 145.500



81, 17.957, 195.500



81, 17.957, 325.500



81, 17.957, 15.500

Sweetspot

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



81, 17.959, 145.500



99, 6.038, 146.174



83, 15.253, 111.606



53, 4.295, 146.120



0, 0.000, 0.000



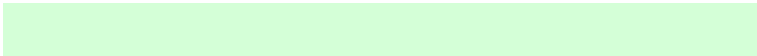
53, 0.007, 296.813

Same Dimension

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



81, 17.959, 145.500



96, 25.890, 145.261



81, 12.471, 166.202



43, 7.326, 145.809



60, 86.421, 136.642



13, 29.501, 143.200

Inverse Universe

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



76, 17.986, 327.124



89, 25.925, 327.316



76, 12.770, 348.634



41, 7.339, 326.861



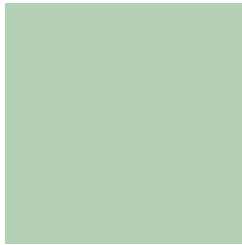
39, 80.229, 331.161



5, 29.518, 330.173

Previews

White Background



This preview shows how the CIELCh color 81, 17.957, 145.500 looks on a white background.

Color Contrast Check

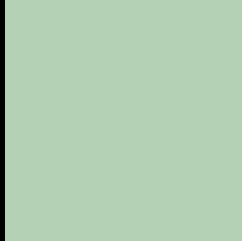
Large Text (above 18pt) WCAG AA × Fail

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, 17.957, 145.500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

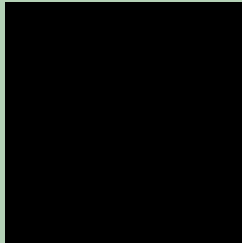
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

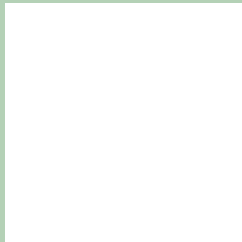
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 17.957, 145.500

Background



This preview shows how black text looks on a background with the CIELCh color 81, 17.957, 145.500.



This preview shows how white text looks on a background with the CIELCh color 81, 17.957, 145.500.

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, 17.957, 145.500

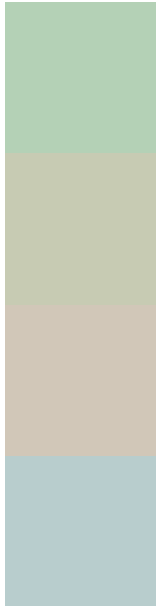
Protanopia
81, 12.756, 91.518

Deuteranopia
81, 13.208, 41.279



Tritanopia
81, 10.206, 255.835

Trichromacy



Original Color
81, 17.957, 145.500

Protanomaly
81, 12.784, 115.858

Deuteranomaly
81, 8.794, 83.869

Tritanomaly
81, 7.452, 198.926

Monochromacy



Original Color
81, 17.957, 145.500

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 6.498, 144.201

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 17.957, 145.500 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(180, 209, 182)` looks like.

```
.text, #text, p{  
    color:rgb(180, 209, 182)  
}
```

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(180, 209, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 209, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 17.957, 145.500 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(180, 209, 182) }
```

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

```
.border{ border-color:rgb(180, 209, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 209, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 209, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 209, 182); box-shadow:4px 4px 4px 4px rgb(180, 209, 182) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 17.957, 145.500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 209, 182) }
```

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

```
.background{ background-color: rgb(180,  
209, 182) }
```

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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