

Converting Colors

CIELCh(81, 14.944, 179.633)

Have a look what the booklet for
CIELCh(81, 14.944, 179.633)
contains.

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Color

CIELCh(81, 14.956, 179.624)

Conversions

Conversions Part 1

Format	Color
Hex	A9D1C8
RGB	169, 209, 200
RGB Percent	66%, 82%, 78%
CMY	0.3357, 0.1788, 0.2141
CMYK	0.19, 0.00, 0.04, 0.18
HSL	166°, 31%, 74%
HSV	166°, 19%, 82%
XYZ	49.8220, 58.4711, 63.5531
YIQ	196.0140, -20.9510, -11.2790

Conversions

Conversions Part 2

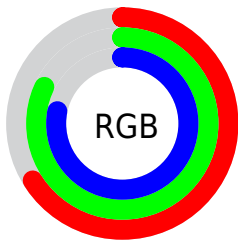
Format	Color
R _Y B	169, 192, 209
Decimal	11129288
CIE Lab	81.00, -14.96, 0.10
CIE LCh	81, 14.956, 179.624
Yxy	58.4711, 0.2899, 0.3403
Android (android.graphics.Color)	4289319368 (0xFFA9D1C8)
YUV	196.0140, 1.9651, -23.6913
Hunter-Lab	76.4664, -17.5138, 4.2491

Details

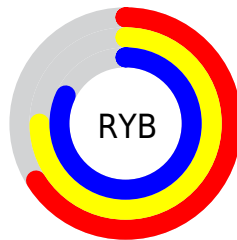
The CIELCh color **81, 14.956, 179.624** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **73, 16.059, 3.276**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 10.172, 198.828**, and **61, 15.315, 178.633** is the 20% darker color. If you saturate the color by 10%, you get **80, 22.353, 178.599**, and if you desaturate by 10%, it is **82, 7.227, 180.605**.

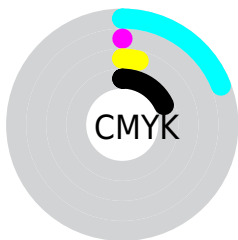
Distribution



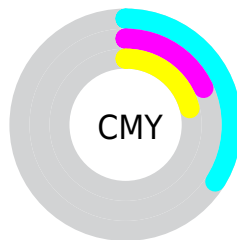
- Red (66%)
- Green (82%)
- Blue (78%)



- Red (66%)
- Yellow (75%)
- Blue (82%)



- Cyan (19%)
- Magenta (0%)
- Yellow (4%)
- Black (18%)





- Cyan (34%)
- Magenta (18%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 14.956, 179.624 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, 14.956, 179.624 by changing the saturation by 10% instead.


 81, 14.956,
179.624


 81, 14.956,
179.624


 100, 14.956,
179.624


 71, 14.956,
179.624


 61, 14.956,
179.624

 51, 14.956,
179.624

 41, 14.956,
179.624

 31, 14.956,
179.624

 21, 14.956,
179.624

 11, 14.956,

179.624

■ 1, 14.956, 179.624

■ 0, 14.956, 179.624

■ 81, 14.956,
179.624

■ 81, 14.956,
179.624

■ 80, 22.353,
178.599

■ 82, 7.227, 180.605

■ 79, 29.284,
177.512

■ 84, 0.719, 0.709

■ 86, 8.781, 2.231

■ 78, 35.615,
176.335

■ 88, 16.877, 3.081

■ 77, 41.222,
175.047


■ 88, 18.277,
356.409

■ 76, 46.006,


■ 88, 19.315,


173.624


349.699

 76, 49.912,
172.042


 88, 20.602,
343.774

 75, 52.953,
170.282

 89, 22.094,
338.623

 75, 55.276,
168.369

 89, 23.751,
334.185

 75, 55.473,
168.201

Harmonies

Complementary

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



81, 14.956, 179.624



73, 16.059, 3.276

Rectangle

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



81, 14.956, 179.624



81, 14.956, 229.624



81, 14.956, 359.624



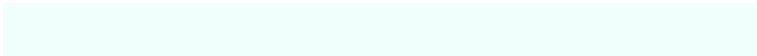
81, 14.956, 49.624

Sweetspot

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



81, 14.957, 179.620



99, 5.603, 180.919



81, 24.151, 136.901



53, 3.714, 180.849



0, 0.000, 0.000



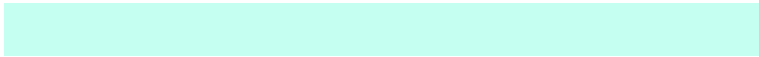
53, 0.007, 296.813

Same Dimension

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



81, 14.957, 179.620



96, 20.971, 179.203



78, 11.453, 228.817



43, 4.495, 180.575



61, 46.937, 168.527



14, 16.984, 172.896

Inverse Universe

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



73, 16.059, 3.276



85, 22.891, 3.792



76, 12.861, 46.512



41, 4.653, 2.180



35, 66.769, 27.083



4, 20.270, 9.068

Previews

White Background



This preview shows how the CIELCh color 81, 14.956, 179.624 looks on a white background.

Color Contrast Check

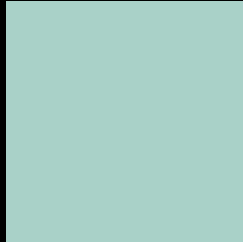
Large Text (above 18pt) WCAG AA × Fail

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, 14.956, 179.624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

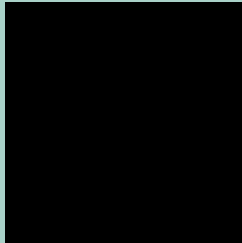
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

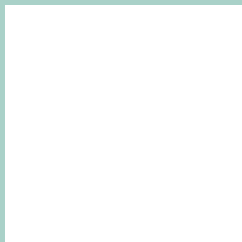
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 14.956, 179.624

Background



This preview shows how black text looks on a background with the CIELCh color 81, 14.956, 179.624.

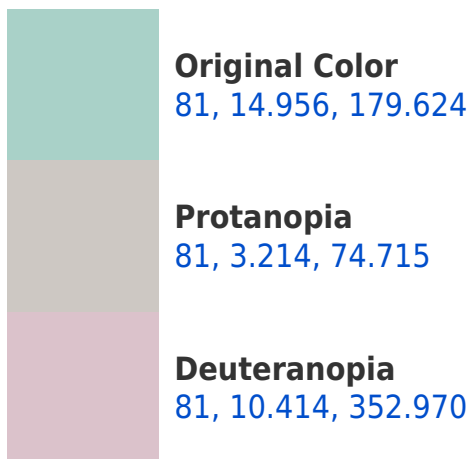


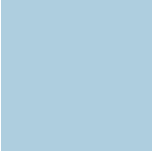
This preview shows how white text looks on a background with the CIELCh color 81, 14.956, 179.624.

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, 13.829, 239.812

Trichromacy



Original Color
81, 14.956, 179.624

Protanomaly
81, 5.150, 160.931

Deuteranomaly
81, 1.137, 309.007

Tritanomaly
81, 12.568, 218.503

Monochromacy



Original Color
81, 14.956, 179.624

Achromatopsia
79, 0.010, 296.813

Achromatomaly
80, 5.671, 182.682

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 14.956, 179.624 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(169, 209, 200)` looks like.

```
.text, #text, p{  
    color:rgb(169, 209, 200)  
}
```

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(169, 209, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 209, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 14.956, 179.624 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(169, 209, 200) }
```

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

```
.border{ border-color:rgb(169, 209, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 209, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 209, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 209, 200); box-shadow:4px 4px 4px 4px rgb(169, 209, 200) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 14.956, 179.624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 209, 200) }
```

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

```
.background{ background-color: rgb(169,  
209, 200) }
```

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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