

Converting Colors

CIELCh(81, 15.826, 187.425)

Have a look what the booklet for
CIELCh(81, 15.826, 187.425)
contains.

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Color

CIELCh(81, 15.991, 186.711)

Conversions

Conversions Part 1

Format	Color
Hex	A5D2CC
RGB	165, 210, 204
RGB Percent	65%, 82%, 80%
CMY	0.3528, 0.1763, 0.1999
CMYK	0.21, 0.00, 0.03, 0.18
HSL	172°, 33%, 74%
HSV	172°, 21%, 82%
XYZ	49.4796, 58.4711, 65.8232
YIQ	195.8610, -24.8940, -11.4060

Conversions

Conversions Part 2

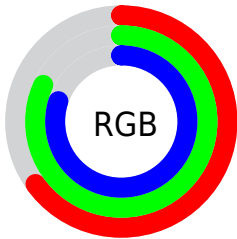
Format	Color
RYB	165, 189, 210
Decimal	10867404
CIELab	81.00, -15.88, -1.87
CIELCh	81, 15.991, 186.711
Yxy	58.4711, 0.2847, 0.3365
Android (android.graphics.Color)	4289057484 (0xFFA5D2CC)
YUV	195.8610, 4.0125, -27.0651
Hunter-Lab	76.4664, -18.3131, 2.4889

Details

The CIELCh color **81, 15.991, 186.711** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **72, 17.761, 10.535**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 11.478, 198.739**, and **61, 15.809, 187.661** is the 20% darker color. If you saturate the color by 10%, you get **80, 22.830, 185.822**, and if you desaturate by 10%, it is **82, 8.708, 187.580**.

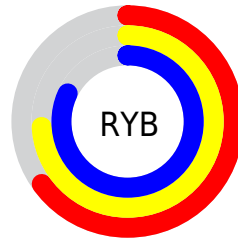
Distribution



Red (65%)

Green (82%)

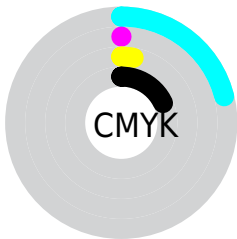
Blue (80%)



Red (65%)

Yellow (74%)

Blue (82%)

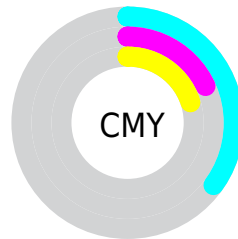


Cyan (21%)

Magenta (0%)

Yellow (3%)

Black (18%)



Cyan (35%)


Magenta (18%)


Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 15.991, 186.711 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, 15.991, 186.711 by changing the saturation by 10% instead.


 81, 15.991,
186.711


 81, 15.991,
186.711


 100, 15.991,
186.711


 71, 15.991,
186.711


 61, 15.991,
186.711

 51, 15.991,
186.711

 41, 15.991,
186.711

 31, 15.991,
186.711

 21, 15.991,
186.711

 11, 15.991,

186.711

■ 1, 15.991, 186.711

■ 0, 15.991, 186.711

■ 81, 15.991,
186.711

■ 81, 15.991,
186.711

■ 80, 22.830,
185.822

■ 82, 8.708, 187.580

■ 79, 29.094,
184.905

■ 84, 1.101, 188.837

■ 86, 6.721, 9.061

■ 78, 34.655,
183.941

■ 88, 14.666, 9.890

■ 77, 39.404,
182.913

■ 88, 17.095, 6.669

■ 88, 17.430, 2.000

■ 77, 43.264,

181.802

88, 17.881,
357.542

76, 46.205,
180.587

88, 18.440,
353.335

76, 48.267,
179.250

88, 19.097,
349.405

76, 49.505,
178.022

Harmonies

Complementary

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



81, 15.991, 186.711



72, 17.761, 10.535

Rectangle

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



81, 15.991, 186.711



81, 15.991, 236.711



81, 15.991, 6.711



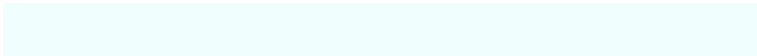
81, 15.991, 56.711

Sweetspot

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



81, 15.992, 186.706



99, 5.400, 188.078



81, 27.873, 139.155



53, 3.578, 188.012



0, 0.000, 0.000



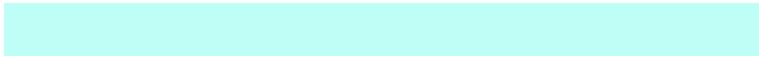
53, 0.007, 296.813

Same Dimension

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



81, 15.992, 186.706



96, 22.436, 186.279



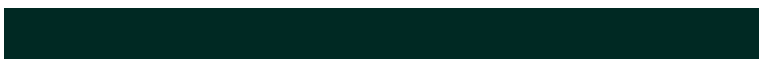
77, 12.873, 240.133



43, 4.324, 187.761



62, 41.876, 178.266



14, 15.539, 181.409

Inverse Universe

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



72, 17.761, 10.535



83, 25.576, 11.151



76, 14.365, 55.953



41, 4.521, 9.213



35, 70.868, 33.620



4, 20.096, 13.265

Previews

White Background



This preview shows how the CIE LCh color 81, 15.991, 186.711 looks on a white background.

Color Contrast Check

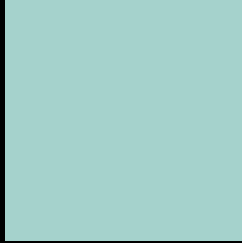
Large Text (above 18pt) WCAG AA × Fail

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, 15.991, 186.711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

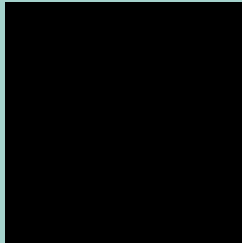
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 15.991, 186.711

Background



This preview shows how black text looks on a background with the CIELCh color 81, 15.991, 186.711.

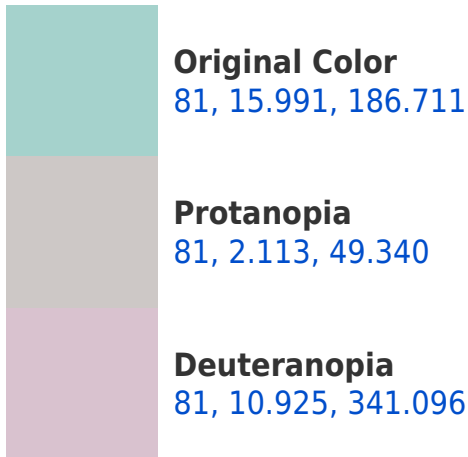


This preview shows how white text looks on a background with the CIELCh color 81, 15.991, 186.711.

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](#).

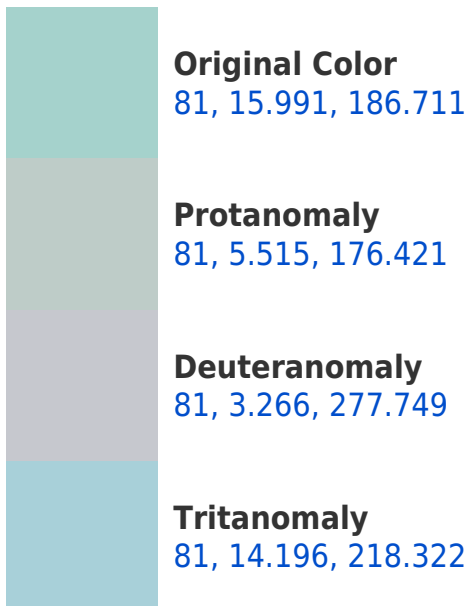
Dichromacy



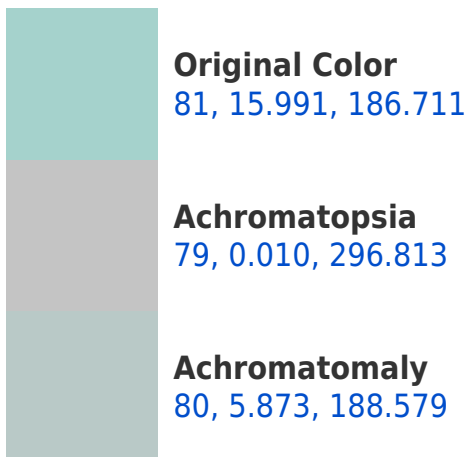


Tritanopia
81, 15.297, 235.077

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 15.991, 186.711 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(165, 210, 204)` looks like.

```
.text, #text, p{  
    color:rgb(165, 210, 204)  
}
```

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(165, 210, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 210, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 15.991, 186.711 is called "border". The border property can be set on classes, ids or directly on the HTML element.

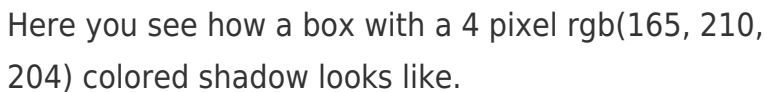
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 210, 204) }
```

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

```
.border{ border-color:rgb(165, 210, 204) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 210, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 210, 204); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 210, 204); box-shadow:4px 4px 4px 4px rgb(165, 210, 204) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 15.991, 186.711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 210, 204) }
```

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

```
.background{ background-color: rgb(165,  
210, 204) }
```

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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