

Converting Colors

CIELCh(82, 19.361, 177.240)

Have a look what the booklet for
CIELCh(82, 19.361, 177.240)
contains.

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Color

CIELCh(82, 19.170, 176.906)

Conversions

Conversions Part 1

Format	Color
Hex	A3D6C9
RGB	163, 214, 201
RGB Percent	64%, 84%, 79%
CMY	0.3596, 0.1596, 0.2106
CMYK	0.24, 0.00, 0.06, 0.16
HSL	165°, 39%, 74%
HSV	165°, 24%, 84%
XYZ	49.8680, 60.2982, 64.4557
YIQ	197.2690, -26.2230, -14.8550

Conversions

Conversions Part 2

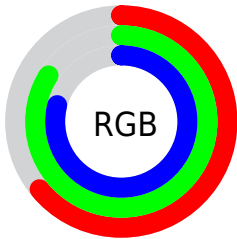
Format	Color
RYB	163, 192, 214
Decimal	10737353
CIELab	82.00, -19.14, 1.03
CIELCh	82, 19.170, 176.906
Yxy	60.2982, 0.2856, 0.3453
Android (android.graphics.Color)	4288927433 (0xFFA3D6C9)
YUV	197.2690, 1.8394, -30.0539
Hunter-Lab	77.6519, -21.2583, 5.1421

Details

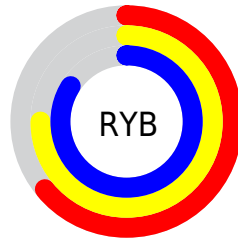
The CIELCh color **82, 19.170, 176.906** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **72, 20.799, 1.670**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 12.126, 198.696**, and **62, 19.105, 176.976** is the 20% darker color. If you saturate the color by 10%, you get **81, 26.687, 175.822**, and if you desaturate by 10%, it is **83, 11.278, 177.920**.

Distribution



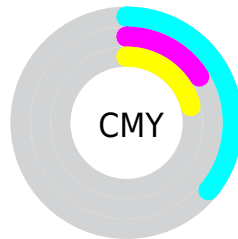
- Red (64%)
- Green (84%)
- Blue (79%)



- Red (64%)
- Yellow (75%)
- Blue (84%)



- Cyan (24%)
- Magenta (0%)
- Yellow (6%)
- Black (16%)





- Cyan (36%)
- Magenta (16%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 19.170, 176.906 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 82, 19.170, 176.906 by changing the saturation by 10% instead.

 82, 19.170,
176.906


 82, 19.170,
176.906


 100, 19.170,
176.906


 72, 19.170,
176.906


 62, 19.170,
176.906

 52, 19.170,
176.906

 42, 19.170,
176.906

 32, 19.170,
176.906

 22, 19.170,
176.906

 12, 19.170,

176.906

■ 2, 19.170, 176.906

■ 0, 19.170, 176.906

■ 82, 19.170,
176.906

■ 82, 19.170,
176.906

■ 81, 26.687,
175.822

■ 83, 11.278,
177.920

■ 80, 33.688,
174.652

■ 85, 3.134, 178.976

■ 87, 5.149, 359.596

■ 79, 40.036,
173.371

■ 89, 13.479, 0.500

■ 78, 45.610,
171.955

■ 89, 16.526,
354.009

■ 77, 50.325,

170.379

90, 17.884,
345.789

77, 54.150,
168.621

90, 19.570,
338.892

77, 57.133,
166.673

90, 21.507,
333.203

77, 58.694,
165.413

90, 23.631,
328.534

Harmonies

Complementary

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



82, 19.170, 176.906



72, 20.799, 1.670

Rectangle

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



82, 19.170, 176.906



82, 19.170, 226.906



82, 19.170, 356.906



82, 19.170, 46.906

Sweetspot

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



82, 19.171, 176.903



99, 6.629, 178.600



82, 30.363, 135.649



52, 4.305, 178.537



0, 0.000, 0.000



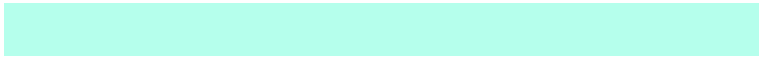
53, 0.007, 296.813

Same Dimension

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



82, 19.171, 176.903



95, 26.622, 176.320



79, 14.448, 224.809



44, 4.657, 178.359



62, 49.321, 165.763



15, 18.229, 170.115

Inverse Universe

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



72, 20.799, 1.670



81, 29.473, 2.413



75, 16.870, 42.700



42, 4.806, 359.989



36, 66.364, 24.692



5, 22.156, 8.423

Previews

White Background



This preview shows how the CIELCh color 82, 19.170, 176.906 looks on a white background.

Color Contrast Check

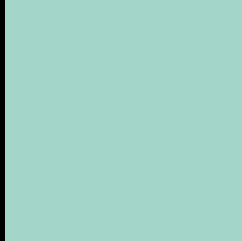
Large Text (above 18pt) WCAG AA × Fail

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 82, 19.170, 176.906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

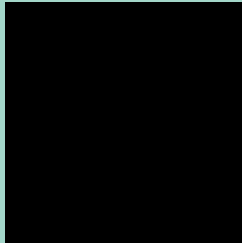
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

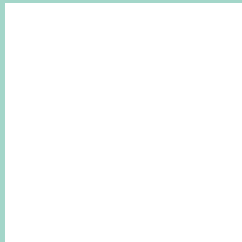
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 19.170, 176.906

Background



This preview shows how black text looks on a background with the CIELCh color 82, 19.170, 176.906.

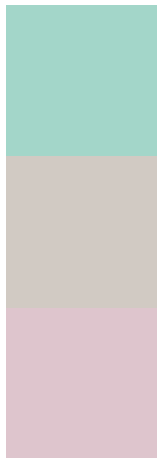


This preview shows how white text looks on a background with the CIELCh color 82, 19.170, 176.906.

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

82, 19.170, 176.906

Protanopia

82, 4.505, 74.525

Deuteranopia

82, 10.165, 355.621



Tritanopia
82, 16.028, 233.032

Trichromacy



Original Color
82, 19.170, 176.906

Protanomaly
82, 7.026, 156.251

Deuteranomaly
82, 0.897, 236.365

Tritanomaly
82, 15.391, 210.387

Monochromacy



Original Color
82, 19.170, 176.906

Achromatopsia
80, 0.010, 296.813

Achromatomaly
81, 7.378, 177.779

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 19.170, 176.906 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, 214, 201)` looks like.

```
.text, #text, p{  
    color:rgb(163, 214, 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, 214, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 214, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 19.170, 176.906 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, 214, 201) }
```

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

```
.border{ border-color:rgb(163, 214, 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, 214, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 214, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 214, 201);  
box-shadow:4px 4px 4px 4px rgb(163, 214,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 19.170, 176.906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 214, 201) }
```

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

```
.background{ background-color: rgb(163,  
214, 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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