

Converting Colors

CIELCh(81, 17.251, 169.479)

Have a look what the booklet for
CIELCh(81, 17.251, 169.479)
contains.

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Color

CIELCh(81, 17.038, 170.254)

Conversions

Conversions Part 1

Format	Color
Hex	A8D2C3
RGB	168, 210, 195
RGB Percent	66%, 82%, 76%
CMY	0.3405, 0.1758, 0.2346
CMYK	0.20, 0.00, 0.07, 0.18
HSL	159°, 32%, 74%
HSV	159°, 20%, 82%
XYZ	49.1442, 58.4711, 60.4277
YIQ	195.7320, -20.2170, -13.5690

Conversions

Conversions Part 2

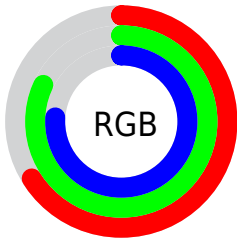
Format	Color
RYB	168, 194, 210
Decimal	11064003
CIELab	81.00, -16.79, 2.88
CIELCh	81, 17.038, 170.254
Yxy	58.4711, 0.2925, 0.3480
Android (android.graphics.Color)	4289254083 (0xFFA8D2C3)
YUV	195.7320, -0.3609, -24.3210
Hunter-Lab	76.4664, -19.0959, 6.6724

Details

The CIELCh color $81, 17.038, 170.254$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $73, 17.852, 354.088$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 10.698, 190.532$, and $61, 16.985, 170.159$ is the 20% darker color. If you saturate the color by 10%, you get $80, 25.265, 169.166$, and if you desaturate by 10%, it is $83, 8.572, 171.264$.

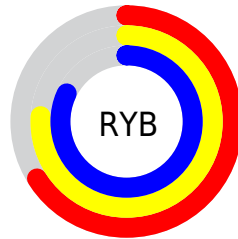
Distribution



Red (66%)

Green (82%)

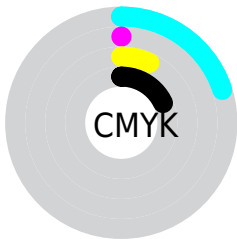
Blue (76%)



Red (66%)

Yellow (76%)

Blue (82%)

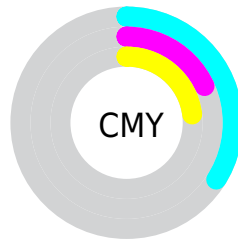


Cyan (20%)

Magenta (0%)

Yellow (7%)

Black (18%)



Cyan (34%)


Magenta (18%)


Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 17.038, 170.254 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, 17.038, 170.254 by changing the saturation by 10% instead.


 81, 17.038,
170.254


 81, 17.038,
170.254


 100, 17.038,
170.254


 71, 17.038,
170.254


 61, 17.038,
170.254

 51, 17.038,
170.254

 41, 17.038,
170.254

 31, 17.038,
170.254

 21, 17.038,
170.254

 11, 17.038,

170.254

■ 1, 17.038, 170.254

■ 0, 17.038, 170.254

■ 81, 17.038,
170.254

■ 81, 17.038,
170.254

■ 80, 25.265,
169.166

■ 83, 8.572, 171.264

■ 78, 33.113,
167.976

■ 84, 0.019, 326.343

■ 77, 40.439,
166.656

■ 86, 8.630, 352.912

■ 88, 17.189,
353.734

■ 77, 47.104,
165.181

■ 89, 19.944,
345.023

■ 76, 52.994,

163.525

89, 22.342,
336.777

75, 58.040,
161.669

89, 25.132,
330.312

75, 62.244,
159.604

89, 28.095,
325.403

75, 65.772,
157.394

75, 65.777,
157.392

Harmonies

Complementary

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



81, 17.038, 170.254



73, 17.852, 354.088

Rectangle

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



81, 17.038, 170.254



81, 17.038, 220.254



81, 17.038, 350.254



81, 17.038, 40.254

Sweetspot

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



81, 17.039, 170.251



99, 6.032, 171.665



81, 24.366, 132.707



53, 4.001, 171.595



0, 0.000, 0.000



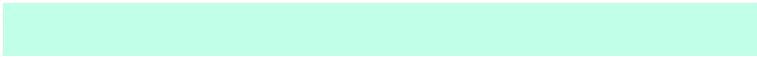
53, 0.007, 296.813

Same Dimension

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



81, 17.039, 170.251



96, 23.830, 169.798



80, 12.760, 212.160



43, 4.851, 171.322



61, 55.377, 157.775



14, 19.441, 162.986

Inverse Universe

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



73, 17.852, 354.088



84, 25.227, 354.595



74, 14.613, 32.386



41, 4.960, 352.938



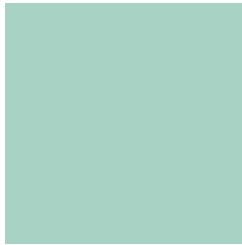
35, 62.700, 15.369



5, 20.748, 2.545

Previews

White Background



This preview shows how the CIELCh color 81, 17.038, 170.254 looks on a white background.

Color Contrast Check

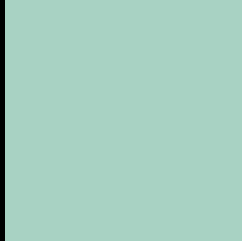
Large Text (above 18pt) WCAG AA × Fail

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, 17.038, 170.254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

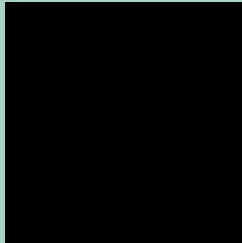
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

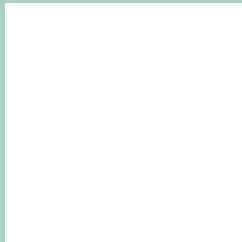
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 17.038, 170.254

Background



This preview shows how black text looks on a background with the CIELCh color 81, 17.038, 170.254.

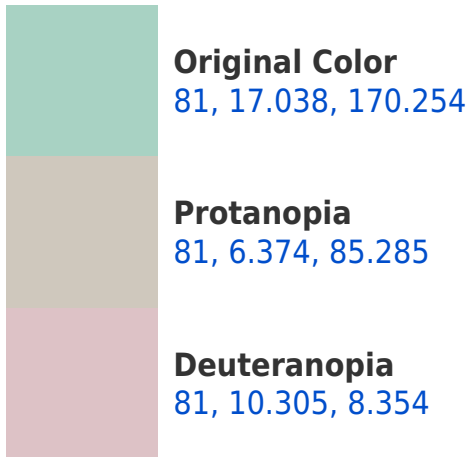


This preview shows how white text looks on a background with the CIELCh color 81, 17.038, 170.254.

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, 14.070, 238.951

Trichromacy



Original Color
81, 17.038, 170.254

Protanomaly
81, 8.031, 139.900

Deuteranomaly
81, 1.738, 84.944

Tritanomaly
81, 12.876, 210.521

Monochromacy



Original Color
81, 17.038, 170.254

Achromatopsia
79, 0.010, 296.813

Achromatomaly
80, 6.092, 173.091

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 17.038, 170.254 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(168, 210, 195)` looks like.

```
.text, #text, p{  
    color:rgb(168, 210, 195)  
}
```

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(168, 210, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 210, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 17.038, 170.254 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(168, 210, 195) }
```

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

```
.border{ border-color:rgb(168, 210, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 210, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 210, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 210, 195);  
box-shadow:4px 4px 4px 4px rgb(168, 210,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 17.038, 170.254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 210, 195) }
```

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

```
.background{ background-color: rgb(168,  
210, 195) }
```

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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