

Converting Colors

CIELCh(81, 17.314, 183.803)

Have a look what the booklet for
CIELCh(81, 17.314, 183.803)
contains.

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Color

CIELCh(81, 17.253, 183.851)

Conversions

Conversions Part 1

Format	Color
Hex	A3D3CB
RGB	163, 211, 203
RGB Percent	64%, 83%, 80%
CMY	0.3620, 0.1738, 0.2052
CMYK	0.23, 0.00, 0.04, 0.17
HSL	170°, 35%, 73%
HSV	170°, 23%, 83%
XYZ	48.9894, 58.4711, 64.9976
YIQ	195.7360, -26.0400, -12.6640

Conversions

Conversions Part 2

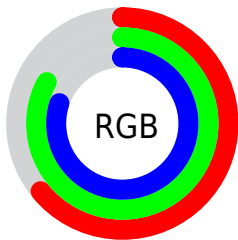
Format	Color
RYB	163, 189, 211
Decimal	10736587
CIELab	81.00, -17.21, -1.16
CIELCh	81, 17.253, 183.851
Yxy	58.4711, 0.2841, 0.3390
Android (android.graphics.Color)	4288926667 (0xFFA3D3CB)
YUV	195.7360, 3.5812, -28.7095
Hunter-Lab	76.4664, -19.4574, 3.1291

Details

The CIELCh color **81, 17.253, 183.851** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **71, 19.113, 8.138**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 12.126, 198.696**, and **61, 17.100, 184.471** is the 20% darker color. If you saturate the color by 10%, you get **80, 24.204, 182.890**, and if you desaturate by 10%, it is **82, 9.870, 184.774**.

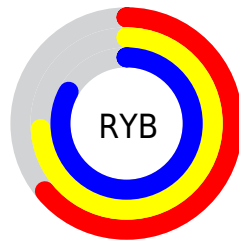
Distribution



Red (64%)

Green (83%)

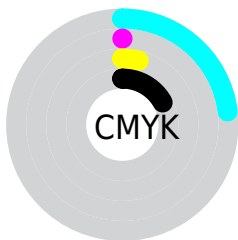
Blue (80%)



Red (64%)

Yellow (74%)

Blue (83%)

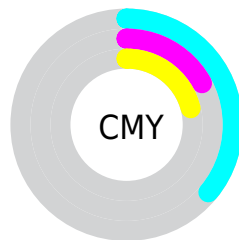


Cyan (23%)

Magenta (0%)

Yellow (4%)

Black (17%)



Cyan (36%)


Magenta (17%)


Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 17.253, 183.851 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, 17.253, 183.851 by changing the saturation by 10% instead.


 81, 17.253,
183.851


 81, 17.253,
183.851


 100, 17.253,
183.851


 71, 17.253,
183.851


 61, 17.253,
183.851

 51, 17.253,
183.851

 41, 17.253,
183.851

 31, 17.253,
183.851

 21, 17.253,
183.851

 11, 17.253,

183.851

■ 1, 17.253, 183.851

■ 0, 17.253, 183.851

■ 81, 17.253,
183.851

■ 81, 17.253,
183.851

■ 80, 24.204,
182.890

■ 82, 9.870, 184.774

■ 79, 30.587,
181.882

■ 84, 2.176, 185.835

■ 86, 5.719, 6.331

■ 78, 36.276,
180.805

■ 88, 13.722, 7.198

■ 77, 41.159,
179.639

■ 88, 17.028, 3.801

■ 77, 45.158,

■ 88, 17.558,
358.059

178.362

89, 18.261,
352.717

76, 48.250,
176.952

89, 19.117,
347.825

76, 50.481,
175.391

89, 20.108,
343.398

76, 51.707,
174.199

Harmonies

Complementary

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



81, 17.253, 183.851



71, 19.113, 8.138

Rectangle

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



81, 17.253, 183.851



81, 17.253, 233.851



81, 17.253, 3.851



81, 17.253, 53.851

Sweetspot

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



81, 17.254, 183.847



99, 6.366, 185.316



81, 29.403, 138.141



53, 4.133, 185.256



0, 0.000, 0.000



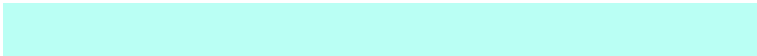
53, 0.007, 296.813

Same Dimension

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



81, 17.254, 183.847



95, 23.623, 183.420



77, 13.580, 235.867



43, 4.378, 185.090



62, 43.605, 174.484



14, 16.032, 178.150

Inverse Universe

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



71, 19.113, 8.138



82, 26.754, 8.734



75, 15.434, 52.028



41, 4.560, 6.613



35, 69.332, 31.450



4, 20.148, 11.733

Previews

White Background



This preview shows how the CIE LCh color 81, 17.253, 183.851 looks on a white background.

Color Contrast Check

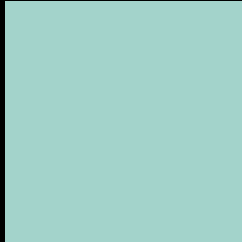
Large Text (above 18pt) WCAG AA × Fail

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, 17.253, 183.851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

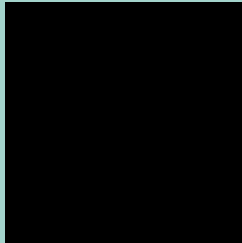
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

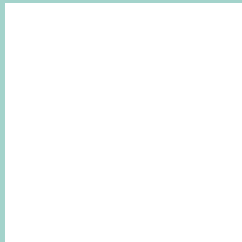
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 17.253, 183.851

Background



This preview shows how black text looks on a background with the CIELCh color 81, 17.253, 183.851.

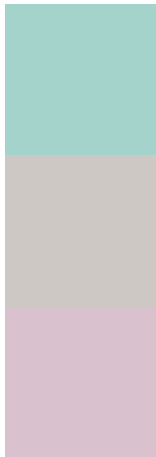


This preview shows how white text looks on a background with the CIELCh color 81, 17.253, 183.851.

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, 17.253, 183.851

Protanopia
81, 2.795, 68.532

Deuteranopia
81, 10.605, 343.332



Tritanopia
81, 15.801, 233.717

Trichromacy



Original Color
81, 17.253, 183.851

Protanomaly
81, 6.033, 167.166

Deuteranomaly
81, 2.860, 268.238

Tritanomaly
81, 14.976, 215.041

Monochromacy



Original Color
81, 17.253, 183.851

Achromatopsia
79, 0.010, 296.813

Achromatomaly
80, 6.697, 185.136

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 17.253, 183.851 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, 211, 203)` looks like.

```
.text, #text, p{  
    color:rgb(163, 211, 203)  
}
```

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, 211, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 211, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 17.253, 183.851 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, 211, 203) }
```

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

```
.border{ border-color:rgb(163, 211, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 211, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 211, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 211, 203);  
box-shadow:4px 4px 4px 4px rgb(163, 211,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 17.253, 183.851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 211, 203) }
```

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

```
.background{ background-color: rgb(163,  
211, 203) }
```

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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