

Converting Colors

CIELCh(83, 16.888, 189.759)

Have a look what the booklet for
CIELCh(83, 16.888, 189.759)
contains.

CIELCh(83, 17.049, 189.246)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(83, 17.049, 189.246)

Conversions

Conversions Part 1

Format	Color
Hex	A7D8D3
RGB	167, 216, 211
RGB Percent	65%, 85%, 83%
CMY	0.3443, 0.1521, 0.1718
CMYK	0.23, 0.00, 0.02, 0.15
HSL	174°, 39%, 75%
HSV	174°, 23%, 85%
XYZ	52.3663, 62.1629, 70.9962
YIQ	200.7790, -27.5990, -11.9430

Conversions

Conversions Part 2

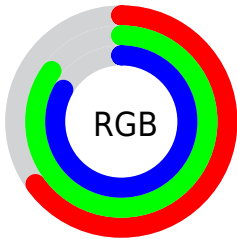
Format	Color
RYB	167, 193, 216
Decimal	11000019
CIELab	83.00, -16.83, -2.74
CIELCh	83, 17.049, 189.246
Yxy	62.1629, 0.2823, 0.3351
Android (android.graphics.Color)	4289190099 (0xFFA7D8D3)
YUV	200.7790, 5.0390, -29.6242
Hunter-Lab	78.8435, -19.4200, 1.8016

Details

The CIELCh color **83, 17.049, 189.246** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **73, 19.243, 13.123**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 10.827, 198.783**, and **63, 16.864, 190.255** is the 20% darker color. If you saturate the color by 10%, you get **82, 23.839, 188.431**, and if you desaturate by 10%, it is **84, 9.758, 190.053**.

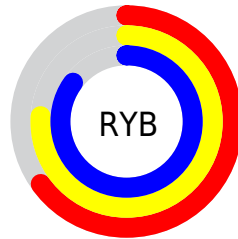
Distribution



Red (65%)

Green (85%)

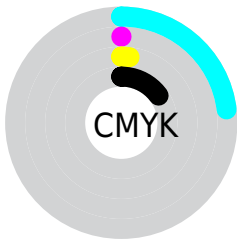
Blue (83%)



Red (65%)

Yellow (76%)

Blue (85%)

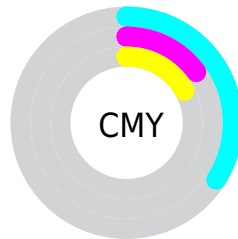


Cyan (23%)

Magenta (0%)

Yellow (2%)

Black (15%)



Cyan (34%)


Magenta (15%)


Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 17.049, 189.246 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 83, 17.049, 189.246 by changing the saturation by 10% instead.


 83, 17.049,
189.246


 83, 17.049,
189.246


 100, 17.049,
189.246


 73, 17.049,
189.246

 63, 17.049,
189.246

 53, 17.049,
189.246

 43, 17.049,
189.246

 33, 17.049,
189.246

 23, 17.049,
189.246

 13, 17.049,

189.246

■ 3, 17.049, 189.246

■ 0, 17.049, 189.246

■ 83, 17.049,
189.246

■ 83, 17.049,
189.246

■ 82, 23.839,
188.431

■ 84, 9.758, 190.053

■ 81, 29.995,
187.604

■ 86, 2.091, 191.042

■ 88, 5.837, 11.439

■ 80, 35.390,
186.749

■ 90, 13.929, 12.252

■ 79, 39.920,
185.853

■ 90, 14.570, 8.121

■ 90, 14.808, 3.785

■ 79, 43.514,

184.898

90, 15.130,
359.613

78, 46.159,
183.867

90, 15.533,
355.642

78, 47.907,
182.742

90, 16.010,
351.894

78, 48.772,
181.868

Harmonies

Complementary

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



83, 17.049, 189.246



73, 19.243, 13.123

Rectangle

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



83, 17.049, 189.246



83, 17.049, 239.246



83, 17.049, 9.246



83, 17.049, 59.246

Sweetspot

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



83, 17.050, 189.241



99, 6.231, 190.534



82, 30.518, 139.980



53, 4.045, 190.479



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



83, 17.050, 189.241



95, 22.918, 188.871



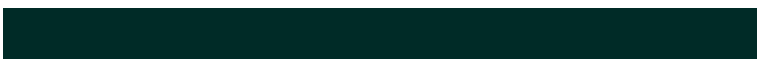
78, 14.088, 244.677



44, 4.367, 190.326



63, 40.846, 182.077



15, 15.695, 184.484

Inverse Universe

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



73, 19.243, 13.123



82, 26.573, 13.703



78, 15.653, 59.679



42, 4.582, 11.695



35, 73.137, 35.467



5, 21.968, 15.213

Previews

White Background



This preview shows how the CIE LCh color 83, 17.049, 189.246 looks on a white background.

Color Contrast Check

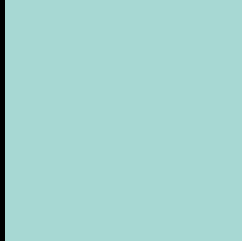
Large Text (above 18pt) WCAG AA × Fail

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 83, 17.049, 189.246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

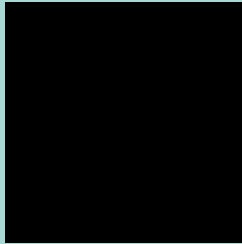
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

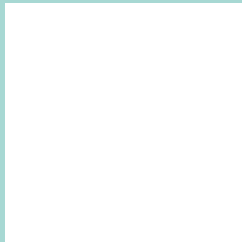
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 17.049, 189.246

Background



This preview shows how black text looks on a background with the CIELCh color 83, 17.049, 189.246.



This preview shows how white text looks on a background with the CIELCh color 83, 17.049, 189.246.

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](#).

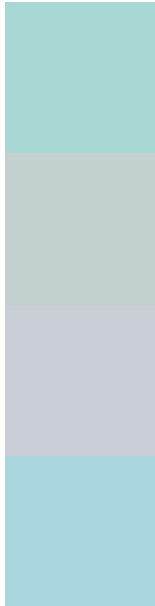
Dichromacy





Tritanopia
83, 16.258, 232.371

Trichromacy



Original Color
83, 17.049, 189.246

Protanomaly
83, 5.487, 187.974

Deuteranomaly
83, 4.447, 271.892

Tritanomaly
83, 15.335, 216.643

Monochromacy



Original Color
83, 17.049, 189.246

Achromatopsia
81, 0.010, 296.813

Achromatomaly
82, 6.534, 189.648

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 17.049, 189.246 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(167, 216, 211)` looks like.

```
.text, #text, p{  
    color:rgb(167, 216, 211)  
}
```

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(167, 216, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 216, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 17.049, 189.246 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(167, 216, 211) }
```

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

```
.border{ border-color:rgb(167, 216, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 216, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 216, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 216, 211);  
box-shadow:4px 4px 4px 4px rgb(167, 216,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 17.049, 189.246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 216, 211) }
```

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

```
.background{ background-color: rgb(167,  
216, 211) }
```

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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