

Converting Colors

CIELCh(83, 19.689, 191.823)

Have a look what the booklet for
CIELCh(83, 19.689, 191.823)
contains.

CIELCh(83, 19.680, 191.832)	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, 19.680, 191.832)

Conversions

Conversions Part 1

Format	Color
Hex	A0DAD6
RGB	160, 218, 214
RGB Percent	63%, 85%, 84%
CMY	0.3743, 0.1469, 0.1626
CMYK	0.27, 0.00, 0.02, 0.15
HSL	176°, 44%, 74%
HSV	176°, 27%, 85%
XYZ	51.4388, 62.1629, 72.5996
YIQ	200.2020, -33.2840, -13.5400

Conversions

Conversions Part 2

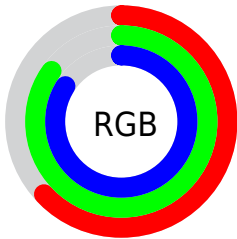
Format	Color
RYB	160, 190, 218
Decimal	10541782
CIELab	83.00, -19.26, -4.04
CIELCh	83, 19.680, 191.832
Yxy	62.1629, 0.2763, 0.3338
Android (android.graphics.Color)	4288731862 (0xFFA0DAD6)
YUV	200.2020, 6.8024, -35.2572
Hunter-Lab	78.8435, -21.5198, 0.5958

Details

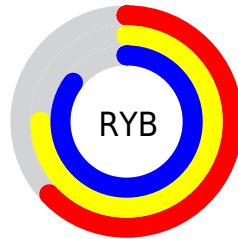
The CIELCh color **83, 19.680, 191.832** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **71, 23.011, 16.197**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 13.092, 198.632**, and **63, 19.890, 191.177** is the 20% darker color. If you saturate the color by 10%, you get **82, 26.119, 191.119**, and if you desaturate by 10%, it is **84, 12.655, 192.549**.

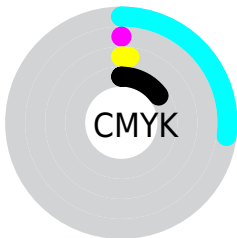
Distribution



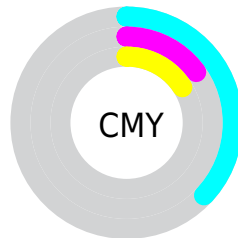
- Red (63%)
- Green (85%)
- Blue (84%)



- Red (63%)
- Yellow (75%)
- Blue (85%)



- Cyan (27%)
- Magenta (0%)
- Yellow (2%)
- Black (15%)





- Cyan (37%)
- Magenta (15%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 19.680, 191.832 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, 19.680, 191.832 by changing the saturation by 10% instead.


 83, 19.680,
191.832


 83, 19.680,
191.832


 100, 19.680,
191.832


 73, 19.680,
191.832

 63, 19.680,
191.832

 53, 19.680,
191.832

 43, 19.680,
191.832

 33, 19.680,
191.832

 23, 19.680,
191.832

 13, 19.680,

191.832

■ 3, 19.680, 191.832

■ 0, 19.680, 191.832

■ 83, 19.680,
191.832

■ 83, 19.680,
191.832

■ 82, 26.119,
191.119

■ 84, 12.655,
192.549

■ 81, 31.840,
190.413

■ 86, 5.172, 193.324

■ 87, 2.648, 13.706

■ 80, 36.729,
189.702

■ 89, 10.697, 14.584

■ 80, 40.696,
188.976

■ 90, 13.891, 12.925

■ 79, 43.698,

■ 90, 13.978, 9.772

188.220

90, 14.110, 6.668

79, 45.751,
187.420

90, 14.283, 3.632

79, 46.952,
186.563

90, 14.497, 0.679

79, 47.256,
186.271

Harmonies

Complementary

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



83, 19.680, 191.832



71, 23.011, 16.197

Rectangle

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



83, 19.680, 191.832



83, 19.680, 241.832



83, 19.680, 11.832



83, 19.680, 61.832

Sweetspot

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



83, 19.681, 191.828



99, 7.052, 193.204



82, 36.458, 140.575



52, 4.996, 193.082



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, 19.681, 191.828



95, 26.367, 191.428



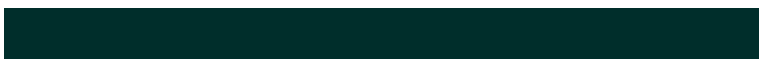
77, 16.855, 249.592



45, 4.415, 193.094



64, 39.857, 186.415



16, 15.820, 188.046

Inverse Universe

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



71, 23.011, 16.197



79, 31.990, 16.957



77, 18.842, 63.060



43, 4.651, 14.355



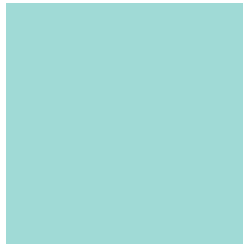
36, 75.402, 37.107



5, 23.751, 17.294

Previews

White Background



This preview shows how the CIELCh color 83, 19.680, 191.832 looks on a white background.

Color Contrast Check

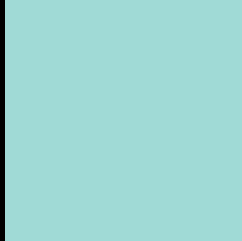
Large Text (above 18pt) WCAG AA × Fail

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, 19.680, 191.832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

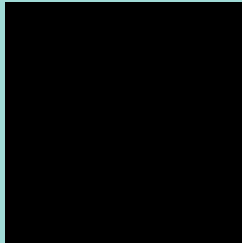
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 19.680, 191.832

Background



This preview shows how black text looks on a background with the CIELCh color 83, 19.680, 191.832.

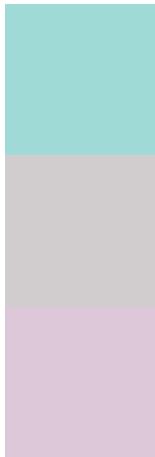


This preview shows how white text looks on a background with the CIELCh color 83, 19.680, 191.832.

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
83, 19.680, 191.832

Protanopia
83, 1.560, 359.365

Deuteranopia
83, 11.810, 330.757



Tritanopia
83, 18.554, 227.571

Trichromacy



Original Color
83, 19.680, 191.832

Protanomaly
83, 6.777, 194.506

Deuteranomaly
83, 5.801, 265.426

Tritanomaly
83, 18.236, 213.473

Monochromacy



Original Color
83, 19.680, 191.832

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 7.492, 194.847

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 19.680, 191.832 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(160, 218, 214)` looks like.

```
.text, #text, p{  
    color:rgb(160, 218, 214)  
}
```

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(160, 218, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 218, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 19.680, 191.832 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(160, 218, 214) }
```

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

```
.border{ border-color:rgb(160, 218, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 218, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 218, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 218, 214);  
box-shadow:4px 4px 4px 4px rgb(160, 218,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 19.680, 191.832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 218, 214) }
```

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

```
.background{ background-color: rgb(160,  
218, 214) }
```

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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