

Converting Colors

CIELCh(83, 19.778, 167.410)

Have a look what the booklet for
CIELCh(83, 19.778, 167.410)
contains.

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Color

CIELCh(83, 19.855, 167.599)

Conversions

Conversions Part 1

Format	Color
Hex	A9D9C6
RGB	169, 217, 198
RGB Percent	66%, 85%, 78%
CMY	0.3371, 0.1489, 0.2234
CMYK	0.22, 0.00, 0.09, 0.15
HSL	156°, 39%, 76%
HSV	156°, 22%, 85%
XYZ	51.3896, 62.1629, 62.7381
YIQ	200.4820, -22.5090, -16.0850

Conversions

Conversions Part 2

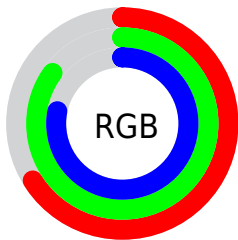
Format	Color
R _{YB}	169, 199, 217
Decimal	11131334
CIE Lab	83.00, -19.39, 4.26
CIE LCh	83, 19.855, 167.599
Yxy	62.1629, 0.2915, 0.3526
Android (android.graphics.Color)	4289321414 (0xFFA9D9C6)
YUV	200.4820, -1.2236, -27.6097
Hunter-Lab	78.8435, -21.6311, 8.0116

Details

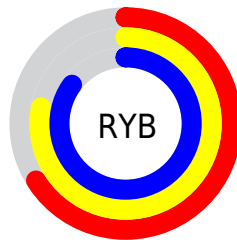
The CIELCh color **83, 19.855, 167.599** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **74, 20.755, 351.831**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 10.172, 198.828**, and **63, 19.909, 167.259** is the 20% darker color. If you saturate the color by 10%, you get **82, 28.517, 166.492**, and if you desaturate by 10%, it is **85, 10.945, 168.613**.

Distribution



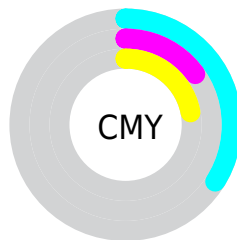
- Red (66%)
- Green (85%)
- Blue (78%)



- Red (66%)
- Yellow (78%)
- Blue (85%)



- Cyan (22%)
- Magenta (0%)
- Yellow (9%)
- Black (15%)





- Cyan (34%)
- Magenta (15%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 19.855, 167.599 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, 19.855, 167.599 by changing the saturation by 10% instead.


 83, 19.855,
167.599


 83, 19.855,
167.599


 100, 19.855,
167.599


 73, 19.855,
167.599

 63, 19.855,
167.599

 53, 19.855,
167.599

 43, 19.855,
167.599

 33, 19.855,
167.599

 23, 19.855,
167.599

 13, 19.855,

167.599

■ 3, 19.855, 167.599

■ 0, 19.855, 167.599

■ 83, 19.855,
167.599

■ 83, 19.855,
167.599

■ 82, 28.517,
166.492

■ 85, 10.945,
168.613

■ 80, 36.783,
165.268

■ 86, 1.912, 169.730

■ 88, 7.138, 350.261

■ 79, 44.500,
163.902

■ 90, 15.851,
350.495

■ 79, 51.524,
162.366

■ 90, 18.379,
338.310

■ 78, 57.739,

160.637

91, 21.557,
329.481

77, 63.082,
158.698

91, 23.773,
325.252

77, 67.567,
156.549

77, 70.641,
154.771

Harmonies

Complementary

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



83, 19.855, 167.599



74, 20.755, 351.831

Rectangle

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



83, 19.855, 167.599



83, 19.855, 217.599



83, 19.855, 347.599



83, 19.855, 37.599

Sweetspot

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



83, 19.857, 167.597



99, 7.215, 169.115



84, 27.424, 131.503



52, 4.688, 169.053



0, 0.000, 0.000



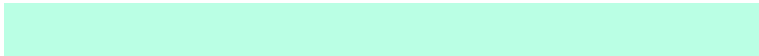
53, 0.007, 296.813

Same Dimension

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



83, 19.857, 167.597



95, 27.487, 167.043



82, 14.776, 208.390



45, 5.175, 168.877



63, 59.330, 155.152



16, 21.955, 159.834

Inverse Universe

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



74, 20.755, 351.831



83, 29.035, 352.440



75, 17.203, 29.354



43, 5.276, 350.476



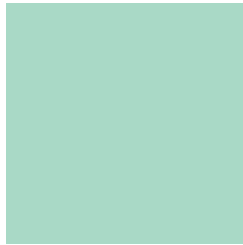
37, 63.529, 11.800



6, 24.273, 1.459

Previews

White Background



This preview shows how the CIELCh color 83, 19.855, 167.599 looks on a white background.

Color Contrast Check

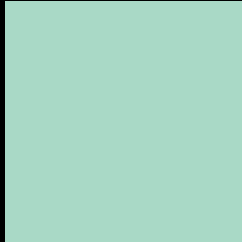
Large Text (above 18pt) WCAG AA × Fail

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 83, 19.855, 167.599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

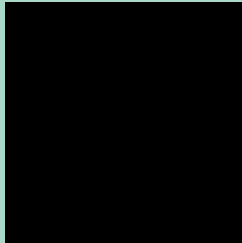
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

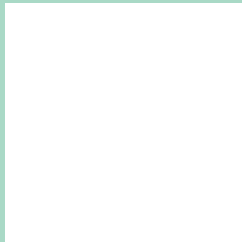
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 19.855, 167.599

Background



This preview shows how black text looks on a background with the CIELCh color 83, 19.855, 167.599.

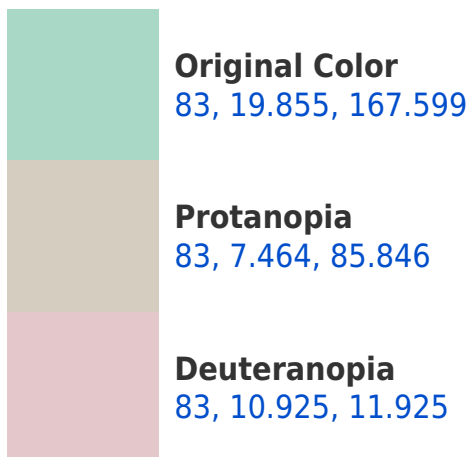


This preview shows how white text looks on a background with the CIELCh color 83, 19.855, 167.599.

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, 15.004, 235.732

Trichromacy



Original Color
83, 19.855, 167.599

Protanomaly
83, 9.101, 138.509

Deuteranomaly
83, 2.651, 101.966

Tritanomaly
83, 14.042, 207.183

Monochromacy



Original Color
83, 19.855, 167.599

Achromatopsia
81, 0.010, 296.813

Achromatomaly
82, 7.530, 169.386

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 19.855, 167.599 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(169, 217, 198)` looks like.

```
.text, #text, p{  
    color:rgb(169, 217, 198)  
}
```

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(169, 217, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 217, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 19.855, 167.599 is called "border". The border property can be set on classes, ids or directly on the HTML element.

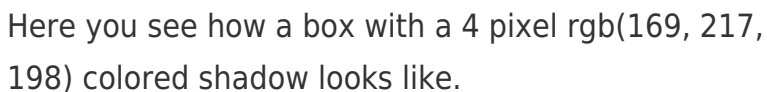
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(169, 217, 198) }
```

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

```
.border{ border-color:rgb(169, 217, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(169, 217, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 217, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 217, 198);  
box-shadow:4px 4px 4px 4px rgb(169, 217,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 19.855, 167.599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 217, 198) }
```

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

```
.background{ background-color: rgb(169,  
217, 198) }
```

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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