

Converting Colors

CIELCh(83, 7.818, 183.155)

Have a look what the booklet for
CIELCh(83, 7.818, 183.155) contains.

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Color

CIELCh(83, 7.809, 183.169)

Conversions

Conversions Part 1

Format	Color
Hex	BED3CF
RGB	190, 211, 207
RGB Percent	75%, 83%, 81%
CMY	0.2542, 0.1718, 0.1875
CMYK	0.10, 0.00, 0.02, 0.17
HSL	169°, 19%, 79%
HSV	169°, 10%, 83%
XYZ	55.9041, 62.1629, 68.1997
YIQ	204.2650, -11.2320, -5.6960

Conversions

Conversions Part 2

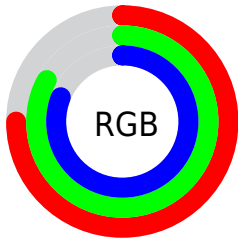
Format	Color
R_{YB}	190, 202, 211
Decimal	12506063
CIE _{Lab}	83.00, -7.80, -0.43
CIE _{LCh}	83, 7.809, 183.169
Yxy	62.1629, 0.3001, 0.3337
Android (android.graphics.Color)	4290696143 (0xFFBED3CF)
YUV	204.2650, 1.3484, -12.5104
Hunter-Lab	78.8435, -11.4104, 3.9045

Details

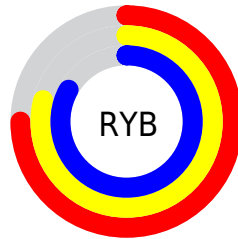
The CIELCh color **83, 7.809, 183.169** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79, 8.132, 4.834**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 3.114, 199.421**, and **63, 7.348, 185.555** is the 20% darker color. If you saturate the color by 10%, you get **82, 15.410, 182.203**, and if you desaturate by 10%, it is **85, 0.048, 352.672**.

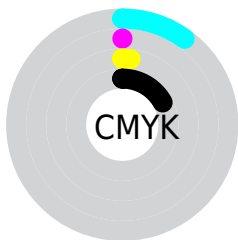
Distribution



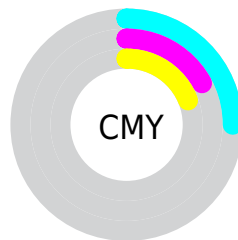
- Red (75%)
- Green (83%)
- Blue (81%)



- Red (75%)
- Yellow (79%)
- Blue (83%)



- Cyan (10%)
- Magenta (0%)
- Yellow (2%)
- Black (17%)



- Cyan (25%)
- Magenta (17%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 7.809, 183.169 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, 7.809, 183.169 by changing the saturation by 10% instead.

■ 83, 7.809, 183.169

■ 83, 7.809, 183.169

■ 100, 7.809,
183.169

■ 73, 7.809, 183.169

■ 63, 7.809, 183.169

■ 53, 7.809, 183.169

■ 43, 7.809, 183.169

■ 33, 7.809, 183.169

■ 23, 7.809, 183.169

■ 13, 7.809, 183.169

■ 3, 7.809, 183.169

■ 0, 7.809, 183.169

83, 7.809, 183.169

83, 7.809, 183.169

82, 15.410,
182.203

85, 0.048, 352.672

80, 22.633,
181.220

86, 8.057, 4.752

88, 16.133, 5.602

79, 29.346,
180.180

89, 17.206,
359.357

78, 35.417,
179.064

89, 17.984,
353.086

77, 40.726,
177.852

89, 18.968,
347.416

77, 45.180,
176.521

89, 20.127,
342.371

76, 48.734,
175.046

89, 21.433,
337.928

76, 51.411,
173.410

89, 22.860,

■ 76, 53.395,
171.641

334.039

Harmonies

Complementary

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



83, 7.809, 183.169



79, 8.132, 4.834

Rectangle

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



83, 7.809, 183.169



83, 7.809, 233.169



83, 7.809, 3.169



83, 7.809, 53.169

Sweetspot

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



83, 7.811, 183.159



99, 2.766, 183.927



83, 12.742, 138.368



53, 2.095, 183.809



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, 7.811, 183.159



98, 10.947, 182.950



81, 6.114, 232.394



43, 4.423, 183.212



62, 44.929, 171.942



14, 16.410, 175.927

Inverse Universe

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



79, 8.132, 4.834



92, 11.500, 5.070



80, 6.450, 50.833



41, 4.595, 4.775



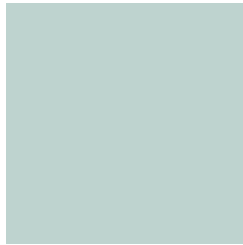
35, 68.249, 29.740



4, 20.193, 10.637

Previews

White Background



This preview shows how the CIELCh color 83, 7.809, 183.169 looks on a white background.

Color Contrast Check

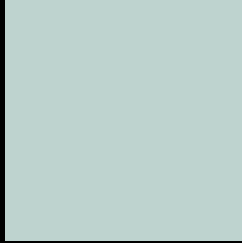
Large Text (above 18pt) WCAG AA × Fail

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, 7.809, 183.169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

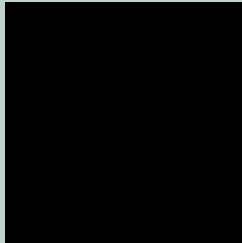
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

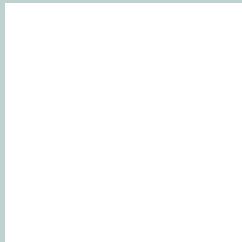
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 7.809, 183.169

Background



This preview shows how black text looks on a background with the CIELCh color 83, 7.809, 183.169.



This preview shows how white text looks on a background with the CIELCh color 83, 7.809, 183.169.

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, 7.809, 183.169

Protanopia

83, 2.254, 32.837

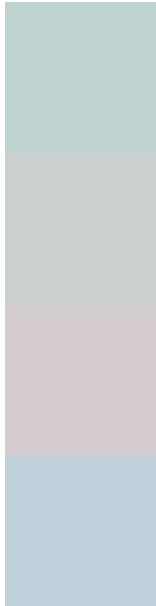
Deuteranopia

83, 10.356, 352.940



Tritanopia
83, 10.256, 260.731

Trichromacy



Original Color
83, 7.809, 183.169

Protanomaly
83, 1.800, 163.726

Deuteranomaly
83, 3.622, 343.842

Tritanomaly
83, 7.844, 241.643

Monochromacy



Original Color
83, 7.809, 183.169

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 3.089, 179.333

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 7.809, 183.169 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(190, 211, 207)` looks like.

```
.text, #text, p{  
    color:rgb(190, 211, 207)  
}
```

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(190, 211, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 211, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 7.809, 183.169 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(190, 211, 207) }
```

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

```
.border{ border-color:rgb(190, 211, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 211, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 211, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 211, 207);  
box-shadow:4px 4px 4px 4px rgb(190, 211,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 7.809, 183.169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 211, 207) }
```

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

```
.background{ background-color: rgb(190,  
211, 207) }
```

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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