

Converting Colors

CIELCh(83, 11.758, 172.447)

Have a look what the booklet for
CIELCh(83, 11.758, 172.447)
contains.

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Color

CIELCh(83, 11.696, 171.706)

Conversions

Conversions Part 1

Format	Color
Hex	B8D5CB
RGB	184, 213, 203
RGB Percent	72%, 84%, 80%
CMY	0.2780, 0.1643, 0.2035
CMYK	0.14, 0.00, 0.05, 0.16
HSL	159°, 26%, 78%
HSV	159°, 14%, 84%
XYZ	54.4058, 62.1629, 65.6976
YIQ	203.1890, -14.0740, -9.2580

Conversions

Conversions Part 2

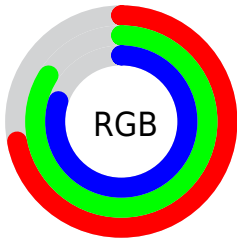
Format	Color
RYB	184, 202, 213
Decimal	12113355
CIELab	83.00, -11.57, 1.69
CIELCh	83, 11.696, 171.706
Yxy	62.1629, 0.2985, 0.3411
Android (android.graphics.Color)	4290303435 (0xFFB8D5CB)
YUV	203.1890, -0.0932, -16.8288
Hunter-Lab	78.8435, -14.8026, 5.7861

Details

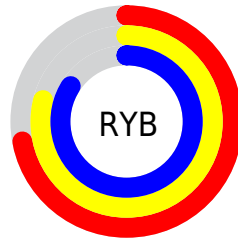
The CIELCh color **83, 11.696, 171.706** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **78, 12.091, 354.195**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 5.163, 199.206**, and **63, 11.396, 172.150** is the 20% darker color. If you saturate the color by 10%, you get **82, 20.106, 170.665**, and if you desaturate by 10%, it is **85, 3.115, 172.755**.

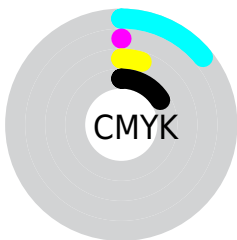
Distribution



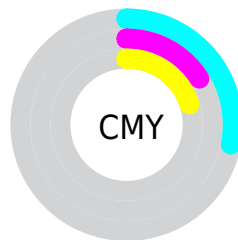
- Red (72%)
- Green (84%)
- Blue (80%)



- Red (72%)
- Yellow (79%)
- Blue (84%)



- Cyan (14%)
- Magenta (0%)
- Yellow (5%)
- Black (16%)





- Cyan (28%)
- Magenta (16%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 11.696, 171.706 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, 11.696, 171.706 by changing the saturation by 10% instead.


 83, 11.696,
171.706


 83, 11.696,
171.706


 100, 11.696,
171.706


 73, 11.696,
171.706

 63, 11.696,
171.706

 53, 11.696,
171.706

 43, 11.696,
171.706

 33, 11.696,
171.706

 23, 11.696,
171.706

 13, 11.696,

171.706

■ 3, 11.696, 171.706

■ 0, 11.696, 171.706

■ 83, 11.696,
171.706

■ 83, 11.696,
171.706

■ 82, 20.106,
170.665

■ 85, 3.115, 172.755

■ 80, 28.212,
169.545

■ 86, 5.535, 353.386

■ 79, 35.875,
168.313

■ 88, 14.163,
354.259

■ 78, 42.949,
166.944

■ 89, 18.154,
347.153

■ 77, 49.303,

■ 89, 20.409,
338.097

165.414

90, 23.090,
331.058

77, 54.836,
163.696

90, 26.063,
325.621

76, 59.506,
161.775

90, 26.248,
325.339

76, 63.344,
159.649

76, 65.494,
158.238

Harmonies

Complementary

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



83, 11.696, 171.706



78, 12.091, 354.195

Rectangle

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



83, 11.696, 171.706



83, 11.696, 221.706



83, 11.696, 351.706



83, 11.696, 41.706

Sweetspot

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



83, 11.698, 171.701



99, 3.992, 172.700



83, 16.840, 133.553



53, 2.837, 172.608



0, 0.000, 0.000



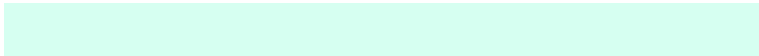
53, 0.007, 296.813

Same Dimension

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



83, 11.698, 171.701



97, 15.876, 171.443



82, 8.853, 214.012



44, 4.910, 172.122



62, 55.194, 158.612



15, 20.017, 163.452

Inverse Universe

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



78, 12.091, 354.195



89, 16.513, 354.474



78, 9.679, 33.882



42, 5.025, 353.750



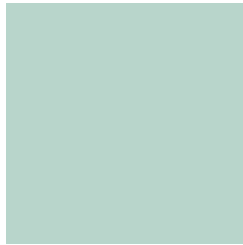
36, 63.665, 16.602



5, 22.446, 3.849

Previews

White Background



This preview shows how the CIELCh color 83, 11.696, 171.706 looks on a white background.

Color Contrast Check

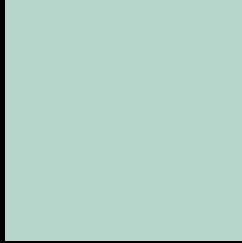
Large Text (above 18pt) WCAG AA × Fail

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, 11.696, 171.706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

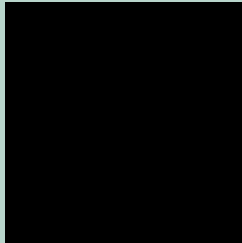
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

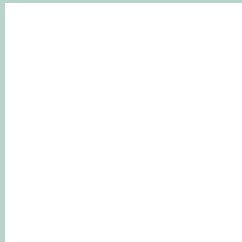
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 11.696, 171.706

Background



This preview shows how black text looks on a background with the CIELCh color 83, 11.696, 171.706.

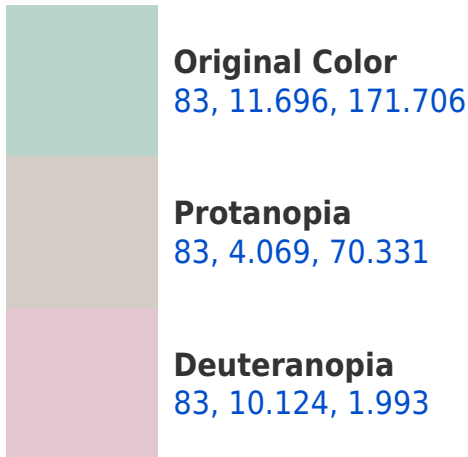


This preview shows how white text looks on a background with the CIELCh color 83, 11.696, 171.706.

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, 11.153, 248.578

Trichromacy



Original Color
83, 11.696, 171.706

Protanomaly
83, 4.773, 137.173

Deuteranomaly
83, 2.195, 19.315

Tritanomaly
83, 9.022, 223.209

Monochromacy



Original Color
83, 11.696, 171.706

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 4.529, 171.332

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 11.696, 171.706 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(184, 213, 203)` looks like.

```
.text, #text, p{  
    color:rgb(184, 213, 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(184, 213, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 213, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 11.696, 171.706 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(184, 213, 203) }
```

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

```
.border{ border-color:rgb(184, 213, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 213, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 213, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 213, 203);  
box-shadow:4px 4px 4px 4px rgb(184, 213,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 11.696, 171.706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 213, 203) }
```

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

```
.background{ background-color: rgb(184,  
213, 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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