

Converting Colors

CIELCh(83, 9.798, 194.055)

Have a look what the booklet for
CIELCh(83, 9.798, 194.055) contains.

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Color

CIELCh(83, 9.842, 195.656)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | B8D4D3 |
| RGB | 184, 212, 211 |
| RGB Percent | 72%, 83%, 83% |
| CMY | 0.2774, 0.1675, 0.1715 |
| CMYK | 0.13, 0.00, 0.00, 0.17 |
| HSL | 178°, 25%, 78% |
| HSV | 178°, 13%, 83% |
| XYZ | 55.2343, 62.1629, 70.8939 |
| YIQ | 203.5140, -16.3670, -6.2470 |

Conversions

Conversions Part 2

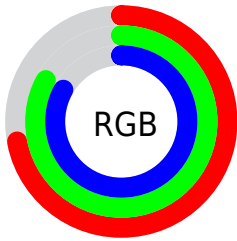
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 184, 198, 212 |
| Decimal | 12113107 |
| CIELab | 83.00, -9.48, -2.66 |
| CIELCh | 83, 9.842, 195.656 |
| Yxy | 62.1629, 0.2933, 0.3301 |
| Android (android.graphics.Color) | 4290303187 (0xFFB8D4D3) |
| YUV | 203.5140, 3.6906, -17.1138 |
| Hunter-Lab | 78.8435, -12.9268, 1.8785 |

Details

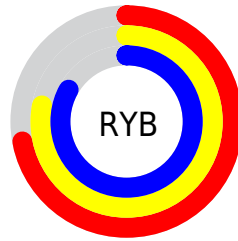
The CIELCh color `83, 9.842, 195.656` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `77, 10.649, 17.362`, and the grayscale version is `82, 0.010, 296.813`.

A 20% lighter version of the original color is `99, 5.163, 199.206`, and `63, 9.535, 198.592` is the 20% darker color. If you saturate the color by 10%, you get `82, 16.815, 195.013`, and if you desaturate by 10%, it is `84, 2.437, 196.454`.

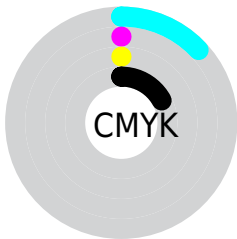
Distribution



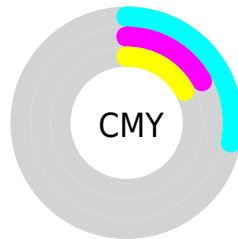
- Red (72%)
- Green (83%)
- Blue (83%)



- Red (72%)
- Yellow (78%)
- Blue (83%)



- Cyan (13%)
- Magenta (0%)
- Yellow (0%)
- Black (17%)



- Cyan (28%)
- Magenta (17%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 9.842, 195.656 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, 9.842, 195.656 by changing the saturation by 10% instead.

■ 83, 9.842, 195.656

■ 83, 9.842, 195.656

■ 100, 9.842,
195.656

■ 73, 9.842, 195.656

■ 63, 9.842, 195.656

■ 53, 9.842, 195.656

■ 43, 9.842, 195.656

■ 33, 9.842, 195.656

■ 23, 9.842, 195.656

■ 13, 9.842, 195.656

■ 3, 9.842, 195.656

■ 0, 9.842, 195.656

83, 9.842, 195.656

83, 9.842, 195.656

82, 16.815,
195.013

84, 2.437, 196.454

81, 23.227,
194.418

86, 5.290, 16.759

80, 28.956,
193.854

88, 13.237, 17.483

79, 33.884,
193.318

89, 15.910, 16.768

78, 37.920,
192.805

89, 15.919, 15.356

78, 41.011,
192.309

89, 15.937, 13.947

77, 43.156,
191.820

89, 15.966, 12.542

77, 44.419,
191.327

89, 16.005, 11.143

89, 16.054, 9.752

■ 77, 44.922,
190.987

Harmonies

Complementary

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



83, 9.842, 195.656



77, 10.649, 17.362

Rectangle

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



83, 9.842, 195.656



83, 9.842, 245.656



83, 9.842, 15.656



83, 9.842, 65.656

Sweetspot

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



83, 9.843, 195.647



99, 3.535, 196.351



82, 17.831, 142.365



53, 2.509, 196.273



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, 9.843, 195.647



97, 13.743, 195.453



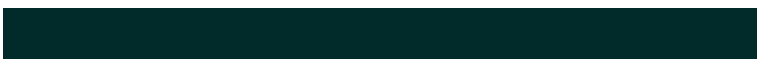
80, 8.506, 251.542



44, 4.304, 195.905



63, 38.195, 191.065



15, 14.894, 192.013

Inverse Universe

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



77, 10.649, 17.362



89, 15.151, 17.638



80, 8.885, 68.266



42, 4.550, 17.028



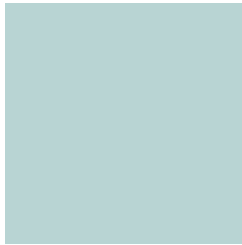
35, 75.838, 38.425



5, 21.974, 18.169

Previews

White Background



This preview shows how the CIELCh color 83, 9.842, 195.656 looks on a white background.

Color Contrast Check

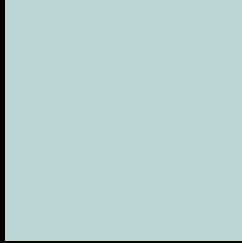
Large Text (above 18pt) WCAG AA × Fail

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, 9.842, 195.656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

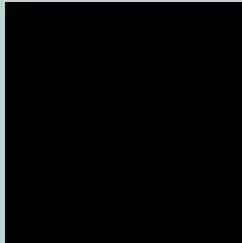
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

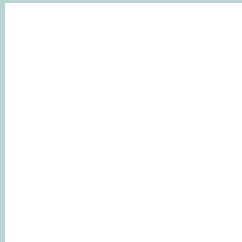
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 9.842, 195.656

Background



This preview shows how black text looks on a background with the CIELCh color 83, 9.842, 195.656.



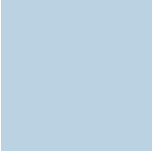
This preview shows how white text looks on a background with the CIELCh color 83, 9.842, 195.656.

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](#).

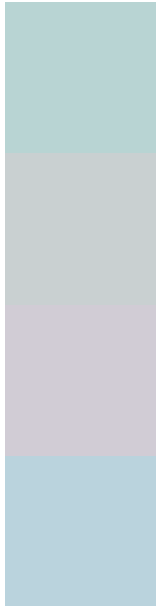
Dichromacy





Tritanopia
83, 11.746, 249.182

Trichromacy



Original Color
83, 9.842, 195.656

Protanomaly
83, 2.561, 211.364

Deuteranomaly
83, 5.120, 311.135

Tritanomaly
83, 9.975, 231.036

Monochromacy



Original Color
83, 9.842, 195.656

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 3.589, 199.297

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 9.842, 195.656 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, 212, 211)` looks like.

```
.text, #text, p{  
    color:rgb(184, 212, 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(184, 212, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 212, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 9.842, 195.656 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, 212, 211) }
```

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

```
.border{ border-color:rgb(184, 212, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 212, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 212, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 212, 211);  
box-shadow:4px 4px 4px 4px rgb(184, 212,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 9.842, 195.656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 212, 211) }
```

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

```
.background{ background-color: rgb(184,  
212, 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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