

Converting Colors

CIELCh(83, 9.831, 198.027)

Have a look what the booklet for
CIELCh(83, 9.831, 198.027) contains.

CIELCh(83, 9.795, 198.754)	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, 9.795, 198.754)

Conversions

Conversions Part 1

Format	Color
Hex	B8D4D4
RGB	184, 212, 212
RGB Percent	72%, 83%, 83%
CMY	0.2777, 0.1678, 0.1679
CMYK	0.13, 0.00, 0.00, 0.17
HSL	180°, 25%, 78%
HSV	180°, 13%, 83%
XYZ	55.3145, 62.1629, 71.5007
YIQ	203.6280, -16.6880, -5.9360

Conversions

Conversions Part 2

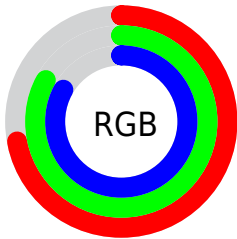
Format	Color
RYB	184, 198, 212
Decimal	12113108
CIELab	83.00, -9.27, -3.15
CIELCh	83, 9.795, 198.754
Yxy	62.1629, 0.2927, 0.3289
Android (android.graphics.Color)	4290303188 (0xFFB8D4D4)
YUV	203.6280, 4.1274, -17.2138
Hunter-Lab	78.8435, -12.7452, 1.4222

Details

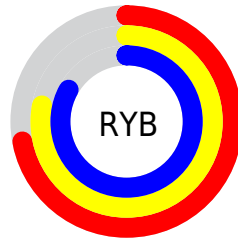
The CIELCh color `83, 9.795, 198.754` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `77, 10.657, 20.223`, and the grayscale version is `82, 0.010, 296.813`.

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, 16.693, 198.229`, and if you desaturate by 10%, it is `84, 2.433, 199.455`.

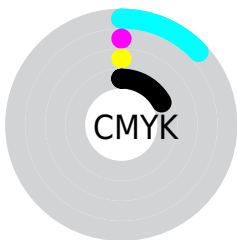
Distribution



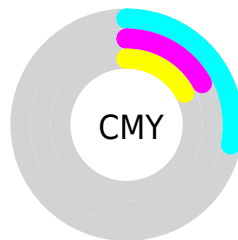
- Red (72%)
- Green (83%)
- Blue (83%)



- 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, 9.795, 198.754 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, 9.795, 198.754 by changing the saturation by 10% instead.

83, 9.795, 198.754

83, 9.795, 198.754

100, 9.795,
198.754

73, 9.795, 198.754

63, 9.795, 198.754

53, 9.795, 198.754

43, 9.795, 198.754

33, 9.795, 198.754

23, 9.795, 198.754

13, 9.795, 198.754

3, 9.795, 198.754

0, 9.795, 198.754

83, 9.795, 198.754

83, 9.795, 198.754

82, 16.693,
198.229

84, 2.433, 199.455

81, 23.002,
197.777

86, 5.281, 19.675

80, 28.600,
197.386

88, 13.244, 20.333

79, 33.376,
197.058

89, 15.966, 20.541

78, 37.246,
196.796

89, 15.966, 20.536

78, 40.164,
196.601

89, 15.966, 20.532

77, 42.137,
196.469

89, 15.966, 20.527

77, 43.237,
196.395

89, 15.966, 20.522

89, 15.966, 20.518

■ 77, 43.632,
196.368

Harmonies

Complementary

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



83, 9.795, 198.754



77, 10.657, 20.223

Rectangle

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



83, 9.795, 198.754



83, 9.795, 248.754



83, 9.795, 18.754



83, 9.795, 68.754

Sweetspot

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



83, 9.796, 198.744



99, 3.526, 199.360



82, 18.026, 143.230



53, 2.501, 199.289



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, 9.796, 198.744



97, 13.668, 198.583



79, 8.714, 255.384



44, 4.287, 198.964



63, 37.126, 196.369



15, 14.559, 196.372

Inverse Universe

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



77, 10.657, 20.223



89, 15.173, 20.474



81, 9.037, 71.968



42, 4.550, 19.920



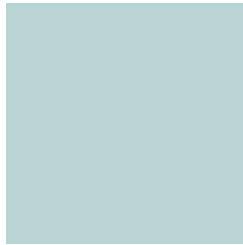
35, 77.344, 39.894



5, 22.000, 19.762

Previews

White Background



This preview shows how the CIELCh color 83, 9.795, 198.754 looks on a white background.

Color Contrast Check

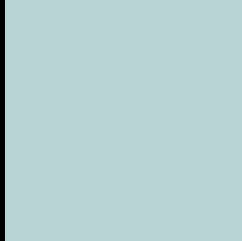
Large Text (above 18pt) WCAG AA × Fail

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, 9.795, 198.754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

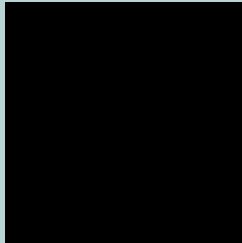
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

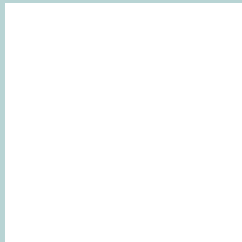
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 9.795, 198.754

Background



This preview shows how black text looks on a background with the CIELCh color 83, 9.795, 198.754.

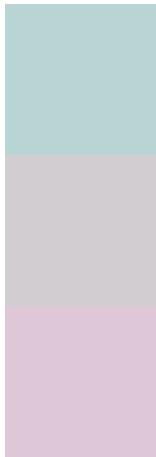


This preview shows how white text looks on a background with the CIELCh color 83, 9.795, 198.754.

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

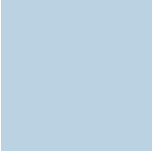
83, 9.795, 198.754

Protanopia

83, 2.170, 332.309

Deuteranopia

83, 11.289, 335.689



Tritanopia
83, 11.746, 249.182

Trichromacy



Original Color
83, 9.795, 198.754

Protanomaly
83, 3.037, 219.782

Deuteranomaly
83, 5.510, 305.715

Tritanomaly
83, 10.236, 233.672

Monochromacy



Original Color
83, 9.795, 198.754

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, 9.795, 198.754 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, 212)` looks like.

```
.text, #text, p{  
    color:rgb(184, 212, 212)  
}
```

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, 212) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 83, 9.795, 198.754 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, 212) }
```

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

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

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, 212)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 83, 9.795, 198.754 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, 212) }
```

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

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

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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