

Converting Colors

CIELCh(80, 10.889, 198.271)

Have a look what the booklet for
CIELCh(80, 10.889, 198.271)
contains.

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Color

CIELCh(80, 10.863, 198.648)

Conversions

Conversions Part 1

Format	Color
Hex	ADCCCC
RGB	173, 204, 204
RGB Percent	68%, 80%, 80%
CMY	0.3200, 0.1984, 0.1984
CMYK	0.15, 0.00, 0.00, 0.20
HSL	180°, 23%, 74%
HSV	180°, 15%, 80%
XYZ	49.9529, 56.6813, 65.6839
YIQ	194.7310, -18.4760, -6.5720

Conversions

Conversions Part 2

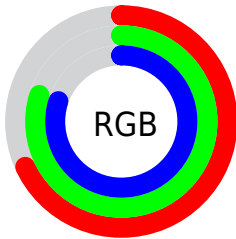
Format	Color
R _{YB}	173, 189, 204
Decimal	11390156
CIE _{Lab}	80.00, -10.29, -3.47
CIE _{LCh}	80, 10.863, 198.648
Y _{xy}	56.6813, 0.2899, 0.3289
Android (android.graphics.Color)	4289580236 (0xFFADCCCC)
YUV	194.7310, 4.5696, -19.0581
Hunter-Lab	75.2870, -13.3176, 0.9735

Details

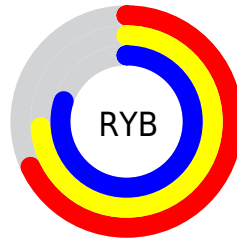
The CIELCh color **80, 10.863, 198.648** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **74, 11.976, 20.387**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 8.853, 198.921**, and **60, 10.982, 198.422** is the 20% darker color. If you saturate the color by 10%, you get **79, 17.454, 198.139**, and if you desaturate by 10%, it is **81, 3.800, 199.260**.

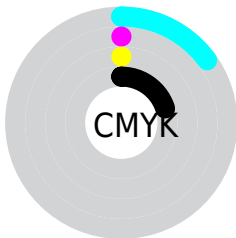
Distribution



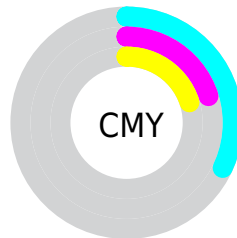
- Red (68%)
- Green (80%)
- Blue (80%)



- Red (68%)
- Yellow (74%)
- Blue (80%)



- Cyan (15%)
- Magenta (0%)
- Yellow (0%)
- Black (20%)





- Cyan (32%)
- Magenta (20%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 10.863, 198.648 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 80, 10.863, 198.648 by changing the saturation by 10% instead.

 80, 10.863,
198.648


 80, 10.863,
198.648


 100, 10.863,
198.648


 70, 10.863,
198.648


 60, 10.863,
198.648

 50, 10.863,
198.648

 40, 10.863,
198.648

 30, 10.863,
198.648

 20, 10.863,
198.648

 10, 10.863,

198.648

0, 10.863, 198.648

80, 10.863,
198.648

80, 10.863,
198.648

79, 17.454,
198.139

81, 3.800, 199.260

78, 23.451,
197.700

83, 3.623, 19.516

85, 11.307, 20.207

77, 28.739,
197.322

87, 19.106, 20.828

76, 33.214,
197.007

87, 19.106, 20.825

87, 19.106, 20.822

76, 36.801,
196.758

87, 19.106, 20.819

■ 75, 39.463,
196.574

■ 87, 19.106, 20.816

■ 75, 41.219,
196.454

■ 87, 19.105, 20.812

■ 75, 42.149,
196.390

■ 75, 42.424,
196.371

Harmonies

Complementary

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



80, 10.863, 198.648



74, 11.976, 20.387

Rectangle

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



80, 10.863, 198.648



80, 10.863, 248.648



80, 10.863, 18.648



80, 10.863, 68.648

Sweetspot

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



80, 10.864, 198.640



99, 4.397, 199.269



79, 20.120, 143.098



53, 2.995, 199.212



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



80, 10.864, 198.640



97, 15.282, 198.479



76, 9.705, 255.670



42, 4.119, 198.968



62, 36.304, 196.371



13, 13.514, 196.374

Inverse Universe

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



74, 11.976, 20.387



88, 17.206, 20.655



77, 10.127, 71.739



40, 4.369, 19.917



34, 75.549, 39.819



4, 17.910, 19.400

Previews

White Background



This preview shows how the CIELCh color 80, 10.863, 198.648 looks on a white background.

Color Contrast Check

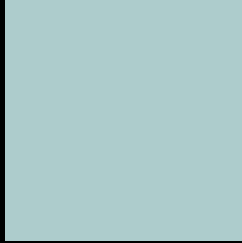
Large Text (above 18pt) WCAG AA × Fail

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 80, 10.863, 198.648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

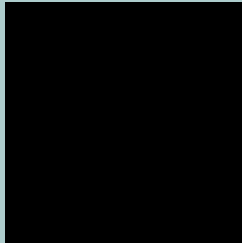
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

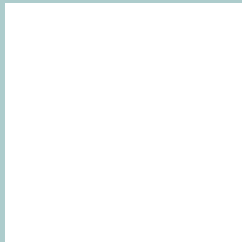
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 10.863, 198.648

Background



This preview shows how black text looks on a background with the CIELCh color 80, 10.863, 198.648.

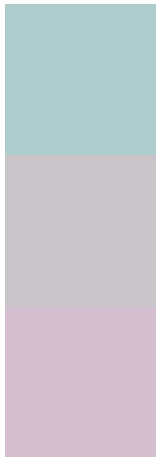


This preview shows how white text looks on a background with the CIELCh color 80, 10.863, 198.648.

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
80, 10.863, 198.648

Protanopia
80, 2.186, 332.319

Deuteranopia
80, 11.114, 334.348



Tritanopia
80, 12.115, 243.877

Trichromacy



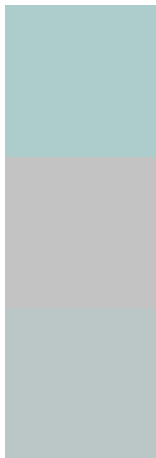
Original Color
80, 10.863, 198.648

Protanomaly
80, 3.394, 217.645

Deuteranomaly
80, 4.867, 299.131

Tritanomaly
80, 10.884, 228.252

Monochromacy



Original Color
80, 10.863, 198.648

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 3.974, 199.238

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 10.863, 198.648 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(173, 204, 204)` looks like.

```
.text, #text, p{  
    color:rgb(173, 204, 204)  
}
```

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(173, 204, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 204, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 10.863, 198.648 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(173, 204, 204) }
```

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

```
.border{ border-color:rgb(173, 204, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 204, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 204, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 204, 204);  
box-shadow:4px 4px 4px 4px rgb(173, 204,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 10.863, 198.648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 204, 204) }
```

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

```
.background{ background-color: rgb(173,  
204, 204) }
```

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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