

Converting Colors

CIELCh(79, 8.798, 198.820)

Have a look what the booklet for
CIELCh(79, 8.798, 198.820) contains.

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Color

CIELCh(79, 8.853, 198.800)

Conversions

Conversions Part 1

Format	Color
Hex	B0C9C9
RGB	176, 201, 201
RGB Percent	69%, 79%, 79%
CMY	0.3116, 0.2136, 0.2136
CMYK	0.12, 0.00, 0.00, 0.21
HSL	180°, 19%, 74%
HSV	180°, 12%, 79%
XYZ	49.0674, 54.9284, 62.9877
YIQ	193.5250, -14.9000, -5.3000

Conversions

Conversions Part 2

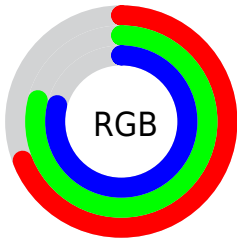
Format	Color
R_{YB}	176, 189, 201
Decimal	11585993
CIE Lab	79.00, -8.38, -2.85
CIE LCh	79, 8.853, 198.800
Yxy	54.9284, 0.2938, 0.3289
Android (android.graphics.Color)	4289776073 (0xFFB0C9C9)
YUV	193.5250, 3.6852, -15.3694
Hunter-Lab	74.1137, -11.5220, 1.4902

Details

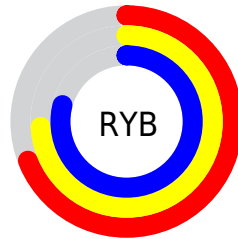
The CIELCh color **79, 8.853, 198.800** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **74, 9.582, 20.161**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 7.855, 198.993**, and **59, 8.916, 198.608** is the 20% darker color. If you saturate the color by 10%, you get **78, 15.481, 198.270**, and if you desaturate by 10%, it is **80, 1.792, 199.569**.

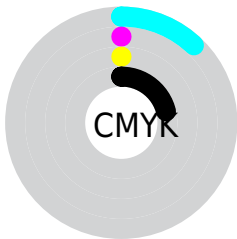
Distribution



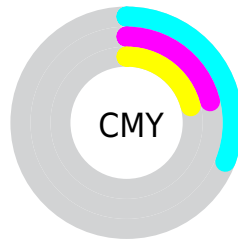
- Red (69%)
- Green (79%)
- Blue (79%)



- Red (69%)
- Yellow (74%)
- Blue (79%)



- Cyan (12%)
- Magenta (0%)
- Yellow (0%)
- Black (21%)



- Cyan (31%)
- Magenta (21%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 8.853, 198.800 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 79, 8.853, 198.800 by changing the saturation by 10% instead.

■ 79, 8.853, 198.800

■ 79, 8.853, 198.800

■ 100, 8.853,
198.800

■ 69, 8.853, 198.800

■ 99, 8.853, 198.800

■ 59, 8.853, 198.800

■ 49, 8.853, 198.800

■ 39, 8.853, 198.800

■ 29, 8.853, 198.800

■ 19, 8.853, 198.800

■ 9, 8.853, 198.800

■ 0, 8.853, 198.800

■ 79, 8.853, 198.800

■ 79, 8.853, 198.800

78, 15.481,
198.270

80, 1.792, 199.569

77, 21.558,
197.815

82, 5.596, 19.728

76, 26.968,
197.420

84, 13.215, 20.376

75, 31.605,
197.088

86, 20.687, 20.974

74, 35.385,
196.821

86, 20.687, 20.971

74, 38.261,
196.620

86, 20.687, 20.968

74, 40.235,
196.482

86, 20.687, 20.966

73, 41.367,
196.403

86, 20.686, 20.963

73, 41.822,

Harmonies

Complementary

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



79, 8.853, 198.800



74, 9.582, 20.161

Rectangle

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



79, 8.853, 198.800



79, 8.853, 248.800



79, 8.853, 18.800



79, 8.853, 68.800

Sweetspot

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



79, 8.854, 198.790



99, 3.526, 199.361



78, 16.251, 143.282



53, 2.501, 199.290



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 8.854, 198.790



97, 12.851, 198.639



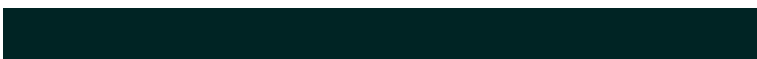
76, 7.864, 255.272



41, 4.034, 198.970



61, 35.891, 196.371



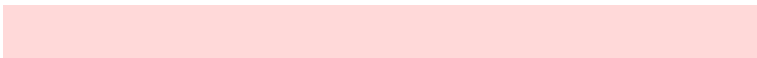
12, 12.984, 196.375

Inverse Universe

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



74, 9.582, 20.161



90, 14.168, 20.389



77, 8.135, 72.059



39, 4.279, 19.915



34, 74.640, 39.772



3, 15.885, 19.400

Previews

White Background



This preview shows how the CIELCh color 79, 8.853, 198.800 looks on a white background.

Color Contrast Check

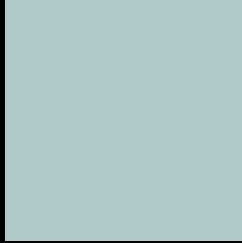
Large Text (above 18pt) WCAG AA × Fail

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 79, 8.853, 198.800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

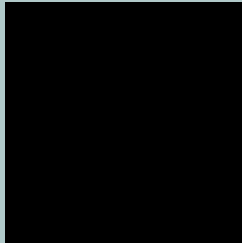
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

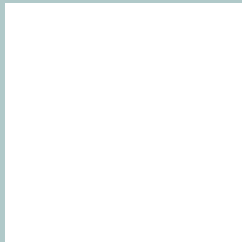
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 8.853, 198.800

Background



This preview shows how black text looks on a background with the CIELCh color 79, 8.853, 198.800.

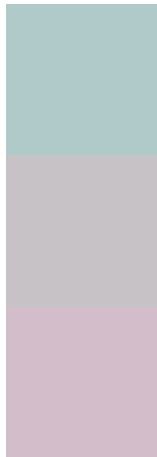


This preview shows how white text looks on a background with the CIELCh color 79, 8.853, 198.800.

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

79, 8.853, 198.800

Protanopia

79, 2.192, 332.323

Deuteranopia

79, 11.040, 337.706



Tritanopia
79, 10.835, 251.407

Trichromacy



Original Color
79, 8.853, 198.800

Protanomaly
79, 2.410, 225.825

Deuteranomaly
79, 5.172, 311.145

Tritanomaly
79, 9.225, 234.485

Monochromacy



Original Color
79, 8.853, 198.800

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 3.265, 199.319

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 8.853, 198.800 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(176, 201, 201)` looks like.

```
.text, #text, p{  
    color:rgb(176, 201, 201)  
}
```

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(176, 201, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 201, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 8.853, 198.800 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(176, 201, 201) }
```

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

```
.border{ border-color:rgb(176, 201, 201) }
```

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

Here you see how a box with a 4 pixel rgb(176, 201, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 201, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 201, 201);  
box-shadow:4px 4px 4px 4px rgb(176, 201,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 8.853, 198.800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 201, 201) }
```

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

```
.background{ background-color: rgb(176,  
201, 201) }
```

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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