

Converting Colors

CIELCh(78, 17.969, 158.322)

Have a look what the booklet for
CIELCh(78, 17.969, 158.322)
contains.

CIELCh(78, 18.304, 158.103)	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(78, 18.304, 158.103)

Conversions

Conversions Part 1

Format	Color
Hex	A4CAB4
RGB	164, 202, 180
RGB Percent	64%, 79%, 71%
CMY	0.3582, 0.2092, 0.2955
CMYK	0.19, 0.00, 0.11, 0.21
HSL	145°, 26%, 72%
HSV	145°, 19%, 79%
XYZ	44.4793, 53.2120, 50.9218
YIQ	188.1300, -15.5860, -14.8980

Conversions

Conversions Part 2

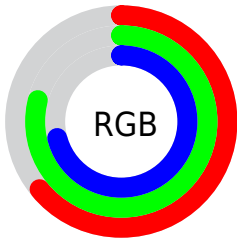
Format	Color
RYB	164, 191, 202
Decimal	10799796
CIELab	78.00, -16.98, 6.83
CIELCh	78, 18.304, 158.103
Yxy	53.2120, 0.2993, 0.3581
Android (android.graphics.Color)	4288989876 (0xFFA4CAB4)
YUV	188.1300, -4.0081, -21.1620
Hunter-Lab	72.9466, -18.8158, 9.6740

Details

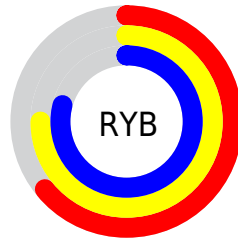
The CIELCh color **78, 18.304, 158.103** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **71, 18.598, 341.120**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 15.972, 161.019**, and **58, 18.413, 157.427** is the 20% darker color. If you saturate the color by 10%, you get **77, 27.938, 157.119**, and if you desaturate by 10%, it is **80, 8.578, 158.989**.

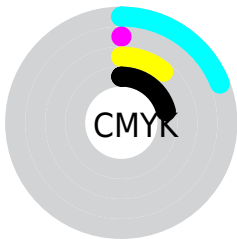
Distribution



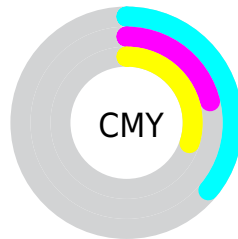
- Red (64%)
- Green (79%)
- Blue (71%)



- Red (64%)
- Yellow (75%)
- Blue (79%)



- Cyan (19%)
- Magenta (0%)
- Yellow (11%)
- Black (21%)





- Cyan (36%)
- Magenta (21%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 18.304, 158.103 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 78, 18.304, 158.103 by changing the saturation by 10% instead.


 78, 18.304,
158.103


 78, 18.304,
158.103


 100, 18.304,
158.103


 68, 18.304,
158.103


 98, 18.304,
158.103

 58, 18.304,
158.103

 48, 18.304,
158.103

 38, 18.304,
158.103

 28, 18.304,
158.103

 18, 18.304,
158.103

 8, 18.304, 158.103

■ 0, 18.304, 158.103

■ 78, 18.304,
158.103

■ 78, 18.304,
158.103

■ 77, 27.938,
157.119

■ 80, 8.578, 158.989

■ 75, 37.330,
156.008

■ 81, 1.128, 339.378

■ 74, 46.320,
154.743

■ 83, 10.719,
340.373

■ 73, 54.737,
153.300

■ 85, 20.129,
341.017

■ 73, 62.425,
151.659

■ 87, 26.850,
336.539

■ 72, 69.260,
149.812

■ 87, 31.273,
328.471

■ 87, 33.460,

■ 72, 75.183,
147.770

325.588

■ 71, 80.259,
145.610

■ 71, 80.820,
145.372

Harmonies

Complementary

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



78, 18.304, 158.103



71, 18.598, 341.120

Rectangle

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



78, 18.304, 158.103



78, 18.304, 208.103



78, 18.304, 338.103



78, 18.304, 28.103

Sweetspot

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



78, 18.306, 158.102



99, 7.034, 159.230



79, 21.042, 125.189



53, 4.668, 159.171



0, 0.000, 0.000



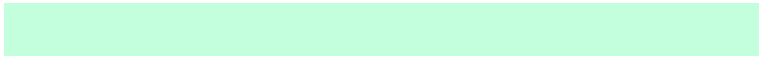
53, 0.007, 296.813

Same Dimension

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



78, 18.306, 158.102



95, 27.016, 157.676



78, 13.443, 191.158



42, 5.557, 158.940



60, 69.352, 145.712



12, 22.729, 152.133

Inverse Universe

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



71, 18.598, 341.120



85, 27.540, 341.522



71, 14.904, 14.146



40, 5.607, 340.314



36, 62.833, 354.438



4, 20.830, 348.504

Previews

White Background



This preview shows how the CIELCh color 78, 18.304, 158.103 looks on a white background.

Color Contrast Check

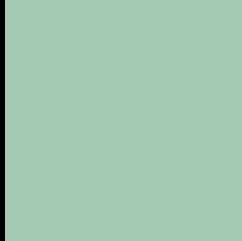
Large Text (above 18pt) WCAG AA × Fail

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 78, 18.304, 158.103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

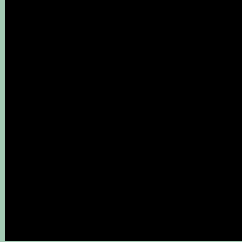
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

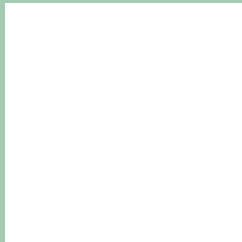
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 18.304, 158.103

Background



This preview shows how black text looks on a background with the CIELCh color 78, 18.304, 158.103.



This preview shows how white text looks on a background with the CIELCh color 78, 18.304, 158.103.

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
78, 18.304, 158.103

Protanopia
78, 10.070, 91.505

Deuteranopia
78, 10.820, 28.677



Tritanopia
78, 12.392, 242.858

Trichromacy



Original Color
78, 18.304, 158.103

Protanomaly
78, 11.214, 126.842

Deuteranomaly
78, 5.533, 93.857

Tritanomaly
78, 10.877, 204.319

Monochromacy



Original Color
78, 18.304, 158.103

Achromatopsia
76, 0.009, 296.813

Achromatomaly
77, 6.750, 159.488

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 18.304, 158.103 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(164, 202, 180)` looks like.

```
.text, #text, p{  
    color:rgb(164, 202, 180)  
}
```

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(164, 202, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 202, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 18.304, 158.103 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(164, 202, 180) }
```

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

```
.border{ border-color:rgb(164, 202, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 202, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 202, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 202, 180);  
box-shadow:4px 4px 4px 4px rgb(164, 202,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 18.304, 158.103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 202, 180) }
```

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

```
.background{ background-color: rgb(164,  
202, 180) }
```

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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