

Converting Colors

CIELCh(79, 17.081, 168.188)

Have a look what the booklet for
CIELCh(79, 17.081, 168.188)
contains.

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Color

CIELCh(79, 17.102, 168.171)

Conversions

Conversions Part 1

Format	Color
Hex	A4CDBD
RGB	164, 205, 189
RGB Percent	64%, 80%, 74%
CMY	0.3587, 0.1980, 0.2607
CMYK	0.20, 0.00, 0.08, 0.20
HSL	157°, 29%, 72%
HSV	157°, 20%, 80%
XYZ	46.0635, 54.9284, 56.0490
YIQ	190.9170, -19.3000, -13.6680

Conversions

Conversions Part 2

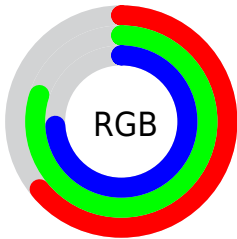
Format	Color
RYB	164, 189, 205
Decimal	10800573
CIELab	79.00, -16.74, 3.51
CIELCh	79, 17.102, 168.171
Yxy	54.9284, 0.2933, 0.3498
Android (android.graphics.Color)	4288990653 (0xFFA4CDBD)
YUV	190.9170, -0.9451, -23.6062
Hunter-Lab	74.1137, -18.7568, 7.0411

Details

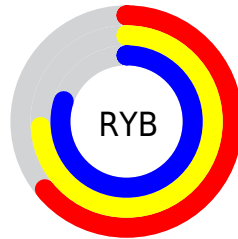
The CIELCh color **79, 17.102, 168.171** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **71, 17.816, 351.947**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 13.451, 176.229**, and **59, 17.064, 167.964** is the 20% darker color. If you saturate the color by 10%, you get **78, 25.379, 167.088**, and if you desaturate by 10%, it is **81, 8.615, 169.170**.

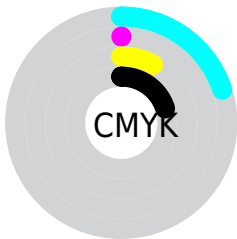
Distribution



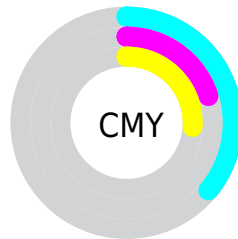
- Red (64%)
- Green (80%)
- Blue (74%)



- Red (64%)
- Yellow (74%)
- Blue (80%)



- Cyan (20%)
- Magenta (0%)
- Yellow (8%)
- Black (20%)





- Cyan (36%)
- Magenta (20%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 17.102, 168.171 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, 17.102, 168.171 by changing the saturation by 10% instead.


 79, 17.102,
168.171


 79, 17.102,
168.171


 100, 17.102,
168.171


 69, 17.102,
168.171


 99, 17.102,
168.171

 59, 17.102,
168.171

 49, 17.102,
168.171

 39, 17.102,
168.171

 29, 17.102,
168.171

 19, 17.102,
168.171

 9, 17.102, 168.171

■ 0, 17.102, 168.171

■ 79, 17.102,
168.171

■ 79, 17.102,
168.171

■ 78, 25.379,
167.088

■ 81, 8.615, 169.170

■ 76, 33.307,
165.898

■ 82, 0.030, 185.465

■ 75, 40.743,
164.571

■ 84, 8.558, 350.792

■ 86, 17.072,
351.594

■ 75, 47.549,
163.084

■ 87, 22.101,
346.884

■ 74, 53.607,
161.410

■ 87, 24.528,
338.685

■ 73, 58.846,
159.532

■ 88, 27.390,
332.149

■ 73, 63.259,
157.443

■ 88, 30.561,
326.979

■ 73, 66.998,
155.225

■ 88, 31.655,
325.526

Harmonies

Complementary

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



79, 17.102, 168.171



71, 17.816, 351.947

Rectangle

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



79, 17.102, 168.171



79, 17.102, 218.171



79, 17.102, 348.171



79, 17.102, 38.171

Sweetspot

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



79, 17.103, 168.168



99, 6.161, 169.569



79, 23.676, 131.607



53, 4.087, 169.500



0, 0.000, 0.000



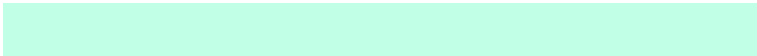
53, 0.007, 296.813

Same Dimension

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



79, 17.103, 168.168



95, 24.408, 167.719



78, 12.849, 208.398



42, 4.858, 169.234



60, 56.917, 155.599



12, 19.221, 161.288

Inverse Universe

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



71, 17.816, 351.947



84, 25.653, 352.437



72, 14.720, 29.240



40, 4.954, 350.821



35, 61.486, 12.143



4, 19.026, 0.089

Previews

White Background



This preview shows how the CIELCh color 79, 17.102, 168.171 looks on a white background.

Color Contrast Check

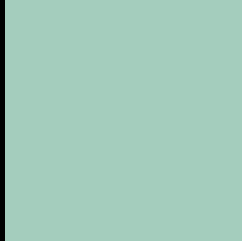
Large Text (above 18pt) WCAG AA × Fail

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, 17.102, 168.171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

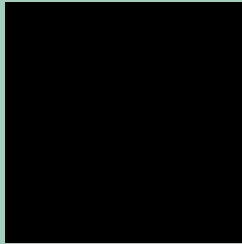
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

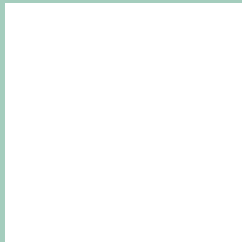
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 17.102, 168.171

Background



This preview shows how black text looks on a background with the CIELCh color 79, 17.102, 168.171.

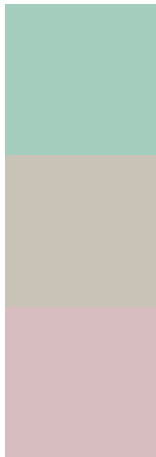


This preview shows how white text looks on a background with the CIELCh color 79, 17.102, 168.171.

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, 17.102, 168.171

Protanopia

79, 6.411, 85.255

Deuteranopia

79, 9.902, 10.911



Tritanopia
79, 13.328, 238.915

Trichromacy



Original Color
79, 17.102, 168.171

Protanomaly
79, 8.077, 139.890

Deuteranomaly
79, 2.152, 100.048

Tritanomaly
79, 12.227, 208.685

Monochromacy



Original Color
79, 17.102, 168.171

Achromatopsia
77, 0.009, 296.813

Achromatomaly
78, 6.394, 168.804

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 17.102, 168.171 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, 205, 189)` looks like.

```
.text, #text, p{  
    color:rgb(164, 205, 189)  
}
```

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, 205, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 205, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 17.102, 168.171 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, 205, 189) }
```

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

```
.border{ border-color:rgb(164, 205, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 205, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 205, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 205, 189);  
box-shadow:4px 4px 4px 4px rgb(164, 205,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 17.102, 168.171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 205, 189) }
```

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

```
.background{ background-color: rgb(164,  
205, 189) }
```

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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