

Converting Colors

CIELCh(78, 17.471, 179.352)

Have a look what the booklet for
CIELCh(78, 17.471, 179.352)
contains.

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Color

CIELCh(78, 17.127, 179.847)

Conversions

Conversions Part 1

Format	Color
Hex	9CCAC0
RGB	156, 202, 192
RGB Percent	61%, 79%, 75%
CMY	0.3876, 0.2072, 0.2464
CMYK	0.23, 0.00, 0.05, 0.21
HSL	167°, 30%, 70%
HSV	167°, 23%, 79%
XYZ	44.4300, 53.2120, 57.8898
YIQ	187.1060, -24.2060, -12.8620

Conversions

Conversions Part 2

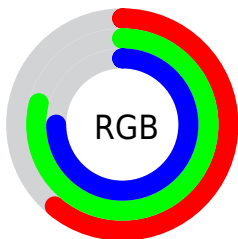
Format	Color
R _{YB}	156, 182, 202
Decimal	10275520
CIE Lab	78.00, -17.13, 0.05
CIE LCh	78, 17.127, 179.847
Yxy	53.2120, 0.2857, 0.3421
Android (android.graphics.Color)	4288465600 (0xFF9CCAC0)
YUV	187.1060, 2.4127, -27.2800
Hunter-Lab	72.9466, -18.9364, 4.0105

Details

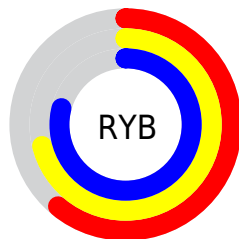
The CIELCh color **78, 17.127, 179.847** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **69, 18.694, 4.289**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 15.377, 184.954**, and **58, 16.997, 180.213** is the 20% darker color. If you saturate the color by 10%, you get **77, 24.124, 178.813**, and if you desaturate by 10%, it is **79, 9.757, 180.826**.

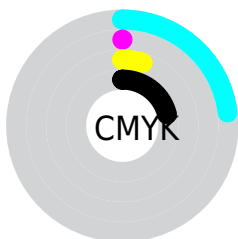
Distribution



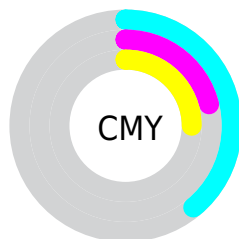
- Red (61%)
- Green (79%)
- Blue (75%)



- Red (61%)
- Yellow (71%)
- Blue (79%)



- Cyan (23%)
- Magenta (0%)
- Yellow (5%)
- Black (21%)





- Cyan (39%)
- Magenta (21%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 17.127, 179.847 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, 17.127, 179.847 by changing the saturation by 10% instead.

 78, 17.127,
179.847

 78, 17.127,
179.847


 100, 17.127,
179.847


 68, 17.127,
179.847


 98, 17.127,
179.847

 58, 17.127,
179.847

 48, 17.127,
179.847

 38, 17.127,
179.847

 28, 17.127,
179.847

 18, 17.127,
179.847

 8, 17.127, 179.847

0, 17.127, 179.847

78, 17.127,
179.847

78, 17.127,
179.847

77, 24.124,
178.813

79, 9.757, 180.826

76, 30.617,
177.710

81, 2.130, 181.922

83, 5.649, 2.460

75, 36.479,
176.514

84, 13.493, 3.344

74, 41.595,
175.202

86, 20.528, 3.384

86, 21.197,
357.408

74, 45.886,
173.752

86, 22.093,
351.871

73, 49.319,
172.139

■ 73, 51.932,
170.350

■ 87, 23.191,
346.830

■ 73, 53.463,
168.985

■ 87, 24.461,
342.299

Harmonies

Complementary

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



78, 17.127, 179.847



69, 18.694, 4.289

Rectangle

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



78, 17.127, 179.847



78, 17.127, 229.847



78, 17.127, 359.847



78, 17.127, 49.847

Sweetspot

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



78, 17.128, 179.843



99, 6.507, 181.387



78, 27.967, 136.704



53, 4.225, 181.325



0, 0.000, 0.000



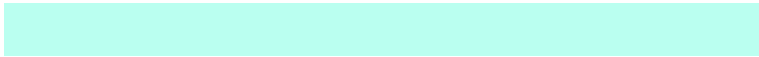
53, 0.007, 296.813

Same Dimension

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



78, 17.128, 179.843



95, 24.309, 179.376



75, 13.123, 229.145



42, 4.388, 181.155



61, 45.948, 169.284



13, 16.165, 173.865

Inverse Universe

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



69, 18.694, 4.289



82, 27.046, 4.899



72, 15.100, 46.383



40, 4.546, 2.745



34, 66.296, 27.616



4, 18.264, 8.825

Previews

White Background



This preview shows how the CIELCh color 78, 17.127, 179.847 looks on a white background.

Color Contrast Check

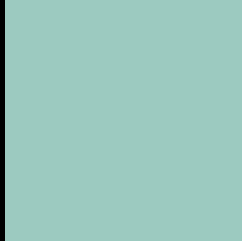
Large Text (above 18pt) WCAG AA × Fail

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 78, 17.127, 179.847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

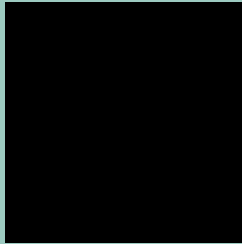
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

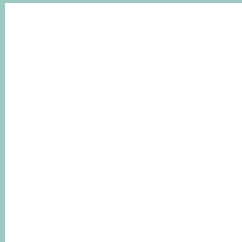
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 17.127, 179.847

Background



This preview shows how black text looks on a background with the CIELCh color 78, 17.127, 179.847.



This preview shows how white text looks on a background with the CIELCh color 78, 17.127, 179.847.

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, 17.127, 179.847

Protanopia
78, 3.472, 69.591

Deuteranopia
78, 9.833, 350.920



Tritanopia
78, 15.100, 233.404

Trichromacy



Original Color
78, 17.127, 179.847

Protanomaly
78, 6.105, 161.170

Deuteranomaly
78, 1.294, 255.945

Tritanomaly
78, 14.337, 213.693

Monochromacy



Original Color
78, 17.127, 179.847

Achromatopsia
76, 0.009, 296.813

Achromatomaly
77, 6.576, 179.877

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 17.127, 179.847 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(156, 202, 192)` looks like.

```
.text, #text, p{  
    color:rgb(156, 202, 192)  
}
```

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(156, 202, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 202, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 17.127, 179.847 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(156, 202, 192) }
```

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

```
.border{ border-color:rgb(156, 202, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 202, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 202, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 202, 192);  
box-shadow:4px 4px 4px 4px rgb(156, 202,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 17.127, 179.847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 202, 192) }
```

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

```
.background{ background-color: rgb(156,  
202, 192) }
```

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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