

Converting Colors

CIELCh(78, 17.553, 180.189)

Have a look what the booklet for
CIELCh(78, 17.553, 180.189)
contains.

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Color

CIELCh(78, 17.437, 180.155)

Conversions

Conversions Part 1

Format	Color
Hex	9BCAC0
RGB	155, 202, 192
RGB Percent	61%, 79%, 75%
CMY	0.3909, 0.2066, 0.2458
CMYK	0.23, 0.00, 0.05, 0.21
HSL	167°, 31%, 70%
HSV	167°, 23%, 79%
XYZ	44.3236, 53.2120, 57.9894
YIQ	186.8070, -24.8020, -13.0740

Conversions

Conversions Part 2

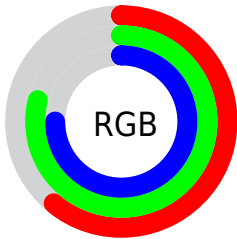
Format	Color
RYB	155, 181, 202
Decimal	10209984
CIELab	78.00, -17.44, -0.05
CIELCh	78, 17.437, 180.155
Yxy	53.2120, 0.2850, 0.3421
Android (android.graphics.Color)	4288400064 (0xFF9BCAC0)
YUV	186.8070, 2.5601, -27.8947
Hunter-Lab	72.9466, -19.1968, 3.9295

Details

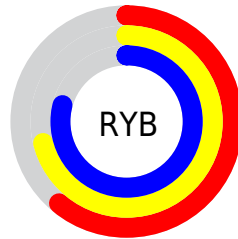
The CIELCh color **78, 17.437, 180.155** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **69, 19.095, 4.695**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 15.689, 185.204**, and **58, 17.310, 180.505** is the 20% darker color. If you saturate the color by 10%, you get **77, 24.392, 179.123**, and if you desaturate by 10%, it is **79, 10.099, 181.131**.

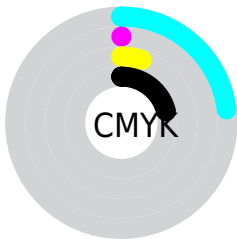
Distribution



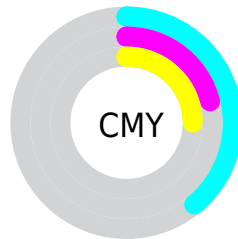
- Red (61%)
- Green (79%)
- Blue (75%)



- 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, 17.437, 180.155 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, 17.437, 180.155 by changing the saturation by 10% instead.


 78, 17.437,
180.155

 78, 17.437,
180.155


 100, 17.437,
180.155


 68, 17.437,
180.155


 98, 17.437,
180.155

 58, 17.437,
180.155

 48, 17.437,
180.155

 38, 17.437,
180.155

 28, 17.437,
180.155

 18, 17.437,
180.155

 8, 17.437, 180.155

0, 17.437, 180.155

78, 17.437,
180.155

78, 17.437,
180.155

77, 24.392,
179.123

79, 10.099,
181.131

76, 30.831,
178.024

81, 2.496, 182.194

75, 36.630,
176.832

83, 5.269, 2.759

84, 13.105, 3.649

74, 41.676,
175.527

86, 20.411, 3.960

74, 45.890,
174.083

86, 21.042,
358.048

73, 49.245,
172.478

86, 21.896,
352.552

■ 73, 51.781,
170.699

■ 87, 22.946,
347.531

■ 73, 53.179,
169.436

■ 87, 24.166,
343.002

Harmonies

Complementary

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



78, 17.437, 180.155



69, 19.095, 4.695

Rectangle

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



78, 17.437, 180.155



78, 17.437, 230.155



78, 17.437, 0.155



78, 17.437, 50.155

Sweetspot

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



78, 17.438, 180.151



99, 6.493, 181.738



78, 28.722, 137.163



53, 4.216, 181.675



0, 0.000, 0.000



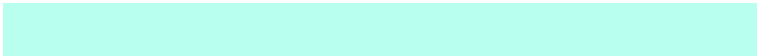
53, 0.007, 296.813

Same Dimension

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



78, 17.438, 180.151



95, 25.084, 179.630



75, 13.369, 231.429



42, 4.379, 181.505



61, 45.679, 169.733



13, 16.092, 174.262

Inverse Universe

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



69, 19.095, 4.695



82, 28.073, 5.385



72, 15.373, 48.229



40, 4.538, 3.091



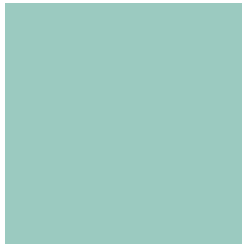
34, 66.489, 27.979



4, 18.250, 9.044

Previews

White Background



This preview shows how the CIELCh color 78, 17.437, 180.155 looks on a white background.

Color Contrast Check

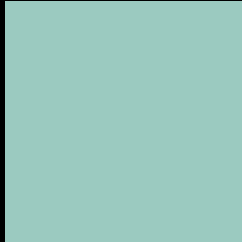
Large Text (above 18pt) WCAG AA × Fail

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, 17.437, 180.155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

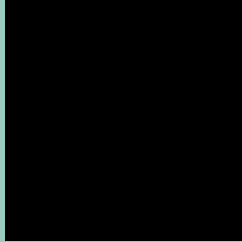
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

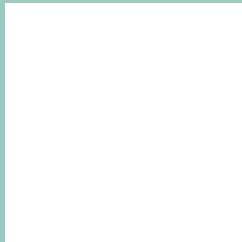
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 17.437, 180.155

Background



This preview shows how black text looks on a background with the CIELCh color 78, 17.437, 180.155.

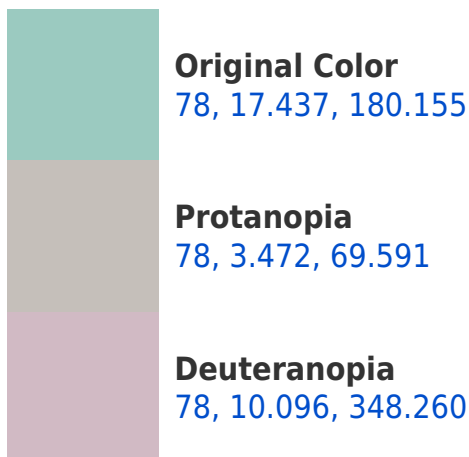


This preview shows how white text looks on a background with the CIELCh color 78, 17.437, 180.155.

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





Tritanopia
78, 15.357, 232.728

Trichromacy



Original Color
78, 17.437, 180.155

Protanomaly
78, 6.105, 161.170

Deuteranomaly
78, 1.936, 255.980

Tritanomaly
78, 14.642, 213.348

Monochromacy



Original Color
78, 17.437, 180.155

Achromatopsia
76, 0.009, 296.813

Achromatomaly
77, 6.914, 180.805

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 17.437, 180.155 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(155, 202, 192)` looks like.

```
.text, #text, p{  
    color:rgb(155, 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(155, 202, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 202, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 17.437, 180.155 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(155, 202, 192) }
```

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

```
.border{ border-color:rgb(155, 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(155, 202, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 202, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 202, 192);  
box-shadow:4px 4px 4px 4px rgb(155, 202,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 17.437, 180.155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 202, 192) }
```

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

```
.background{ background-color: rgb(155,  
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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