

Converting Colors

CIELCh(78, 17.957, 177.141)

Have a look what the booklet for
CIELCh(78, 17.957, 177.141)
contains.

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Color

CIELCh(78, 18.175, 177.296)

Conversions

Conversions Part 1

Format	Color
Hex	9BCBBF
RGB	155, 203, 191
RGB Percent	61%, 80%, 75%
CMY	0.3936, 0.2054, 0.2524
CMYK	0.24, 0.00, 0.06, 0.21
HSL	165°, 31%, 70%
HSV	165°, 24%, 79%
XYZ	44.0779, 53.2120, 57.0241
YIQ	187.2800, -24.7560, -13.9080

Conversions

Conversions Part 2

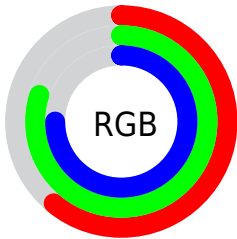
Format	Color
RYB	155, 182, 203
Decimal	10210239
CIELab	78.00, -18.15, 0.86
CIELCh	78, 18.175, 177.296
Yxy	53.2120, 0.2856, 0.3448
Android (android.graphics.Color)	4288400319 (0xFF9BCBBF)
YUV	187.2800, 1.8340, -28.3096
Hunter-Lab	72.9466, -19.7980, 4.7142

Details

The CIELCh color **78, 18.175, 177.296** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **69, 19.732, 2.008**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 15.850, 183.420**, and **58, 18.087, 177.423** is the 20% darker color. If you saturate the color by 10%, you get **77, 25.336, 176.221**, and if you desaturate by 10%, it is **79, 10.655, 178.303**.

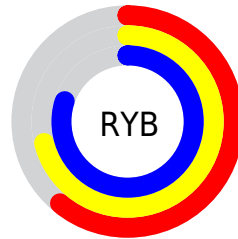
Distribution



Red (61%)

Green (80%)

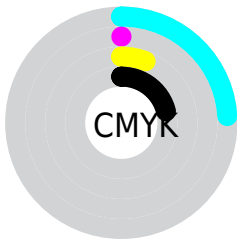
Blue (75%)



Red (61%)

Yellow (71%)

Blue (80%)

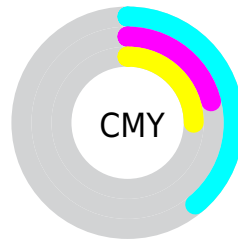


Cyan (24%)

Magenta (0%)

Yellow (6%)

Black (21%)



Cyan (39%)


Magenta (21%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 18.175, 177.296 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, 18.175, 177.296 by changing the saturation by 10% instead.

 78, 18.175,
177.296

 78, 18.175,
177.296

 100, 18.175,
177.296


 68, 18.175,
177.296


 98, 18.175,
177.296

 58, 18.175,
177.296

 48, 18.175,
177.296

 38, 18.175,
177.296

 28, 18.175,
177.296

 18, 18.175,
177.296

 8, 18.175, 177.296

0, 18.175, 177.296

78, 18.175,
177.296

78, 18.175,
177.296

77, 25.336,
176.221

79, 10.655,
178.303

76, 32.005,
175.064

81, 2.894, 179.359

75, 38.053,
173.799

83, 5.002, 359.968

84, 12.947, 0.868

74, 43.364,
172.403

86, 20.535, 1.317

74, 47.856,
170.850

87, 21.420,
354.574

73, 51.500,
169.119

87, 22.592,
348.469

■ 73, 54.338,
167.201

■ 87, 24.008,
343.051

■ 73, 55.853,
165.939

■ 87, 25.627,
338.304

Harmonies

Complementary

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



78, 18.175, 177.296



69, 19.732, 2.008

Rectangle

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



78, 18.175, 177.296



78, 18.175, 227.296



78, 18.175, 357.296



78, 18.175, 47.296

Sweetspot

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



78, 18.176, 177.293



99, 6.612, 178.965



78, 29.013, 136.159



52, 4.294, 178.901



0, 0.000, 0.000



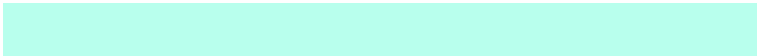
53, 0.007, 296.813

Same Dimension

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



78, 18.176, 177.293



95, 25.672, 176.799



75, 13.685, 227.005



42, 4.461, 178.729



60, 47.889, 166.259



13, 16.697, 171.170

Inverse Universe

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



69, 19.732, 2.008



82, 28.362, 2.636



71, 15.906, 44.515



40, 4.606, 0.346



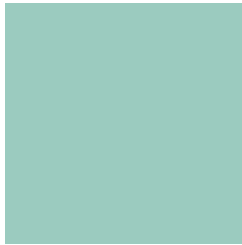
34, 65.015, 24.966



4, 18.366, 7.292

Previews

White Background



This preview shows how the CIELCh color 78, 18.175, 177.296 looks on a white background.

Color Contrast Check

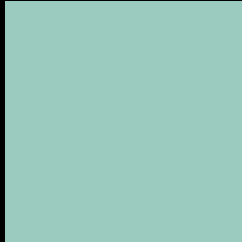
Large Text (above 18pt) WCAG AA × Fail

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, 18.175, 177.296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

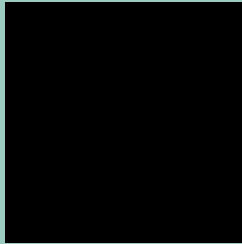
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

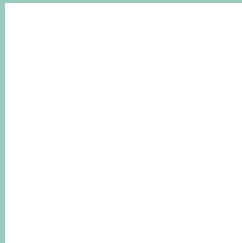
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 18.175, 177.296

Background



This preview shows how black text looks on a background with the CIELCh color 78, 18.175, 177.296.

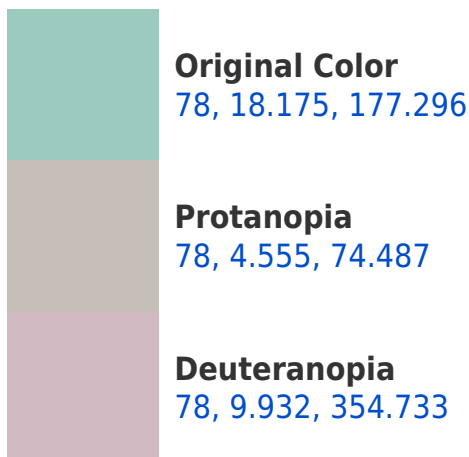


This preview shows how white text looks on a background with the CIELCh color 78, 18.175, 177.296.

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](#).

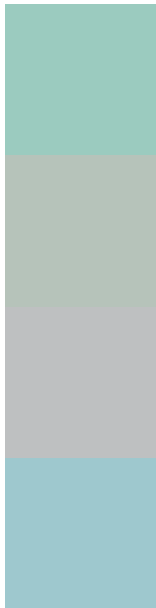
Dichromacy





Tritanopia
78, 15.357, 232.728

Trichromacy



Original Color
78, 18.175, 177.296

Protanomaly
78, 6.836, 154.187

Deuteranomaly
78, 0.906, 236.344

Tritanomaly
78, 14.565, 211.235

Monochromacy



Original Color
78, 18.175, 177.296

Achromatopsia
76, 0.009, 296.813

Achromatomaly
77, 7.120, 176.732

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 18.175, 177.296 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, 203, 191)` looks like.

```
.text, #text, p{  
    color:rgb(155, 203, 191)  
}
```

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, 203, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 203, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 18.175, 177.296 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, 203, 191) }
```

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

```
.border{ border-color:rgb(155, 203, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 203, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 203, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 203, 191);  
box-shadow:4px 4px 4px 4px rgb(155, 203,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 18.175, 177.296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 203, 191) }
```

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

```
.background{ background-color: rgb(155,  
203, 191) }
```

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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