

Converting Colors

CIELCh(70, 19.355, 185.606)

Have a look what the booklet for
CIELCh(70, 19.355, 185.606)
contains.

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Color

CIELCh(70, 19.277, 186.311)

Conversions

Conversions Part 1

Format	Color
Hex	7FB5AE
RGB	127, 181, 174
RGB Percent	50%, 71%, 68%
CMY	0.5010, 0.2892, 0.3166
CMYK	0.30, 0.00, 0.04, 0.29
HSL	172°, 27%, 60%
HSV	172°, 30%, 71%
XYZ	33.0304, 40.7494, 46.2988
YIQ	164.0560, -29.9370, -13.6250

Conversions

Conversions Part 2

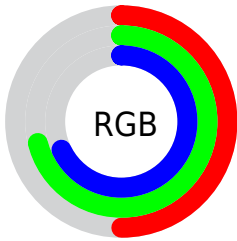
Format	Color
RYB	127, 156, 181
Decimal	8369582
CIELab	70.00, -19.16, -2.12
CIElCh	70, 19.277, 186.311
Yxy	40.7494, 0.2751, 0.3394
Android (android.graphics.Color)	4286559662 (0xFF7FB5AE)
YUV	164.0560, 4.9024, -32.4981
Hunter-Lab	63.8353, -19.3502, 1.6825

Details

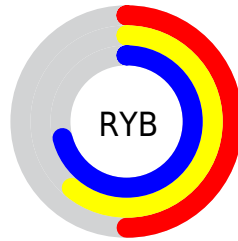
The CIELCh color **70, 19.277, 186.311** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59, 22.401, 11.876**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 19.423, 185.709**, and **50, 19.316, 186.847** is the 20% darker color. If you saturate the color by 10%, you get **69, 24.926, 185.417**, and if you desaturate by 10%, it is **71, 13.143, 187.172**.

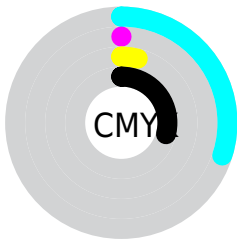
Distribution



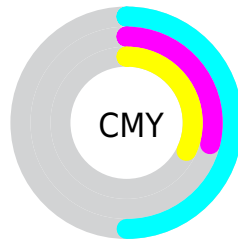
- Red (50%)
- Green (71%)
- Blue (68%)



- Red (50%)
- Yellow (61%)
- Blue (71%)



- Cyan (30%)
- Magenta (0%)
- Yellow (4%)
- Black (29%)





- Cyan (50%)
- Magenta (29%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 19.277, 186.311 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 70, 19.277, 186.311 by changing the saturation by 10% instead.


 70, 19.277,
186.311


 70, 19.277,
186.311


 100, 19.277,
186.311


 60, 19.277,
186.311


 90, 19.277,
186.311

 50, 19.277,
186.311

 40, 19.277,
186.311

 30, 19.277,
186.311

 20, 19.277,
186.311

 10, 19.277,
186.311

 0, 19.277, 186.311

70, 19.277,
186.311

70, 19.277,
186.311

69, 24.926,
185.417

71, 13.143,
187.172

68, 29.978,
184.486

72, 6.635, 188.035

74, 0.143, 5.321

68, 34.332,
183.498

75, 7.098, 9.485

67, 37.915,
182.436

77, 14.153, 10.291

67, 40.691,
181.279

79, 21.246, 11.058

81, 28.327, 11.803

66, 42.679,
180.010

81, 28.761, 9.510

66, 44.059,
178.645

81, 28.916, 7.088

66, 44.086,

178.618

Harmonies

Complementary

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



70, 19.277, 186.311



59, 22.401, 11.876

Rectangle

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



70, 19.277, 186.311



70, 19.277, 236.311



70, 19.277, 6.311



70, 19.277, 56.311

Sweetspot

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



70, 19.278, 186.308



91, 7.525, 188.093



69, 34.563, 139.076



48, 5.212, 187.965



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



70, 19.278, 186.308



88, 28.119, 185.706



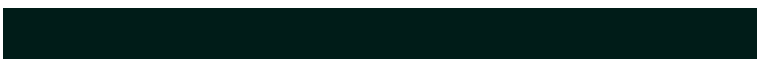
65, 15.701, 243.565



38, 3.880, 188.075



57, 39.307, 178.800



8, 11.092, 183.538

Inverse Universe

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



59, 22.401, 11.876



71, 33.950, 12.902



64, 18.232, 57.207



36, 4.055, 9.487



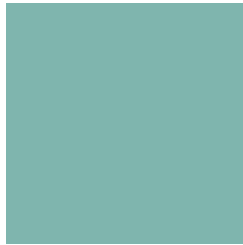
32, 66.798, 33.511



2, 10.758, 11.567

Previews

White Background



This preview shows how the CIELCh color 70, 19.277, 186.311 looks on a white background.

Color Contrast Check

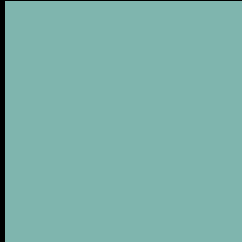
Large Text (above 18pt) WCAG AA × Fail

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 70, 19.277, 186.311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

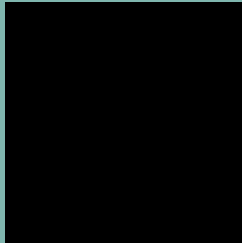
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 19.277, 186.311

Background



This preview shows how black text looks on a background with the CIELCh color 70, 19.277, 186.311.

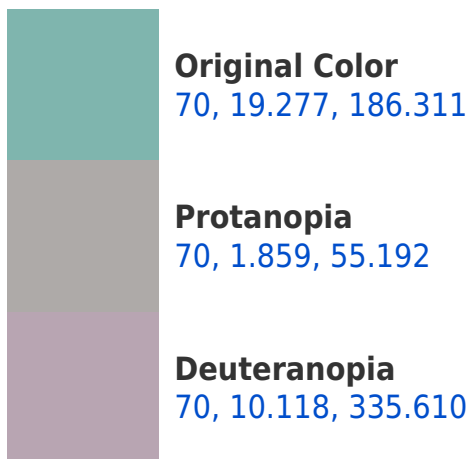


This preview shows how white text looks on a background with the CIELCh color 70, 19.277, 186.311.

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](#).

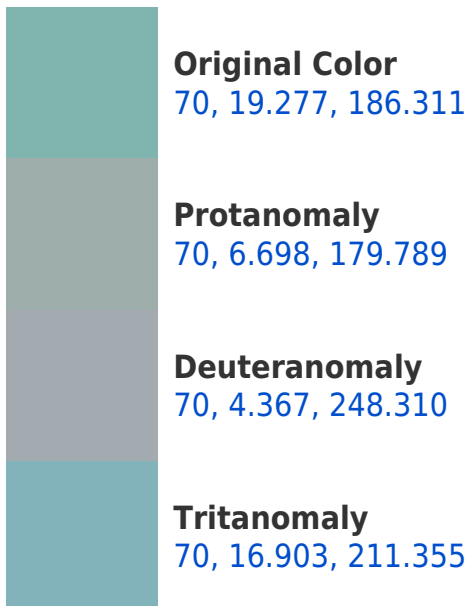
Dichromacy





Tritanopia
70, 17.388, 226.724

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 19.277, 186.311 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(127, 181, 174)` looks like.

```
.text, #text, p{  
    color:rgb(127, 181, 174)  
}
```

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(127, 181, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 181, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 19.277, 186.311 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(127, 181, 174) }
```

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

```
.border{ border-color:rgb(127, 181, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 181, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 181, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 181, 174); box-shadow:4px 4px 4px 4px rgb(127, 181, 174) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 19.277, 186.311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 181, 174) }
```

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

```
.background{ background-color: rgb(127,  
181, 174) }
```

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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