

Converting Colors

CIELCh(70, 19.303, 190.031)

Have a look what the booklet for
CIELCh(70, 19.303, 190.031)
contains.

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Color

CIELCh(70, 19.131, 191.251)

Conversions

Conversions Part 1

Format	Color
Hex	7EB5B1
RGB	126, 181, 177
RGB Percent	49%, 71%, 69%
CMY	0.5052, 0.2895, 0.3052
CMYK	0.30, 0.00, 0.02, 0.29
HSL	176°, 27%, 60%
HSV	176°, 30%, 71%
XYZ	33.1424, 40.7494, 47.8050
YIQ	164.0990, -31.4960, -12.9040

Conversions

Conversions Part 2

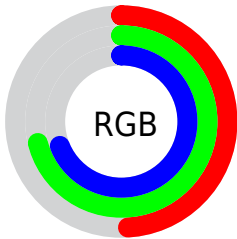
Format	Color
RYB	126, 155, 181
Decimal	8304049
CIELab	70.00, -18.76, -3.73
CIElCh	70, 19.131, 191.251
Yxy	40.7494, 0.2723, 0.3348
Android (android.graphics.Color)	4286494129 (0xFF7EB5B1)
YUV	164.0990, 6.3602, -33.4128
Hunter-Lab	63.8353, -19.0370, 0.2835

Details

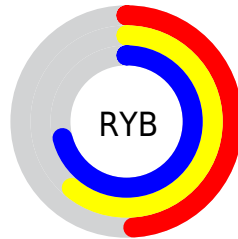
The CIELCh color **70, 19.131, 191.251** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58, 22.826, 16.341**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 19.191, 191.899**, and **50, 19.093, 192.116** is the 20% darker color. If you saturate the color by 10%, you get **69, 24.504, 190.535**, and if you desaturate by 10%, it is **71, 13.225, 191.966**.

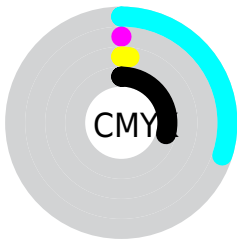
Distribution



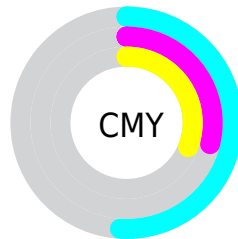
- Red (49%)
- Green (71%)
- Blue (69%)



- Red (49%)
- Yellow (61%)
- Blue (71%)



- Cyan (30%)
- Magenta (0%)
- Yellow (2%)
- Black (29%)





- Cyan (51%)
- Magenta (29%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 19.131, 191.251 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, 19.131, 191.251 by changing the saturation by 10% instead.


 70, 19.131,
191.251


 70, 19.131,
191.251


 100, 19.131,
191.251


 60, 19.131,
191.251


 90, 19.131,
191.251

 50, 19.131,
191.251

 40, 19.131,
191.251

 30, 19.131,
191.251

 20, 19.131,
191.251

 10, 19.131,
191.251

 0, 19.131, 191.251

70, 19.131,
191.251

70, 19.131,
191.251

69, 24.504,
190.535

71, 13.225,
191.966

68, 29.235,
189.820

72, 6.893, 192.709

74, 0.242, 195.421

68, 33.232,
189.094

75, 6.633, 13.982

67, 36.431,
188.344

77, 13.653, 14.731

67, 38.807,
187.558

79, 20.751, 15.450

80, 27.872, 16.157

67, 40.389,
186.720

81, 28.652, 15.007

66, 41.347,
185.867

81, 28.661, 13.628

Harmonies

Complementary

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



70, 19.131, 191.251



58, 22.826, 16.341

Rectangle

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



70, 19.131, 191.251



70, 19.131, 241.251



70, 19.131, 11.251



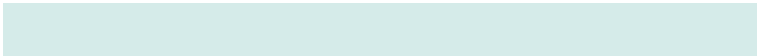
70, 19.131, 61.251

Sweetspot

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



70, 19.132, 191.248



91, 7.406, 192.804



69, 35.764, 140.326



48, 5.127, 192.691



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, 19.132, 191.248



88, 27.368, 190.803



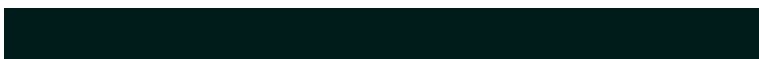
64, 16.453, 250.196



38, 3.818, 192.789



58, 36.911, 185.982



8, 10.776, 189.583

Inverse Universe

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



58, 22.826, 16.341



71, 34.017, 17.249



64, 18.688, 62.718



36, 4.016, 14.028



32, 69.157, 36.583



2, 10.681, 14.984

Previews

White Background



This preview shows how the CIELCh color 70, 19.131, 191.251 looks on a white background.

Color Contrast Check

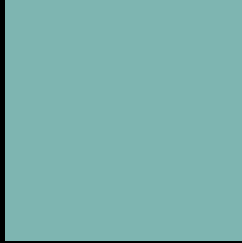
Large Text (above 18pt) WCAG AA × Fail

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 70, 19.131, 191.251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

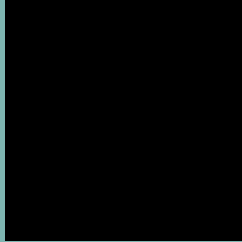
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

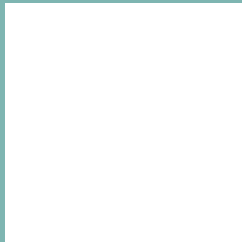
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 19.131, 191.251

Background



This preview shows how black text looks on a background with the CIELCh color 70, 19.131, 191.251.

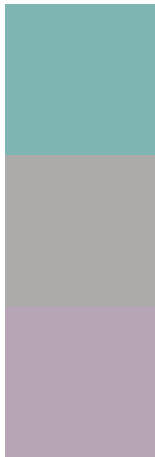


This preview shows how white text looks on a background with the CIELCh color 70, 19.131, 191.251.

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

70, 19.131, 191.251

Protanopia

70, 1.134, 19.072

Deuteranopia

70, 10.433, 328.327



Tritanopia
70, 17.725, 224.067

Trichromacy



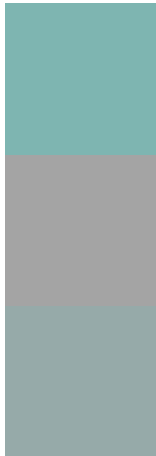
Original Color
70, 19.131, 191.251

Protanomaly
70, 6.636, 194.170

Deuteranomaly
70, 5.424, 253.417

Tritanomaly
70, 17.484, 210.859

Monochromacy



Original Color
70, 19.131, 191.251

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 7.373, 194.542

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 19.131, 191.251 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(126, 181, 177)` looks like.

```
.text, #text, p{  
    color:rgb(126, 181, 177)  
}
```

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(126, 181, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 181, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 19.131, 191.251 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(126, 181, 177) }
```

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

```
.border{ border-color:rgb(126, 181, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 181, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 181, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 181, 177);  
box-shadow:4px 4px 4px 4px rgb(126, 181,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 19.131, 191.251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 181, 177) }
```

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

```
.background{ background-color: rgb(126,  
181, 177) }
```

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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