

Converting Colors

CIELCh(70, 17.382, 214.469)

Have a look what the booklet for
CIELCh(70, 17.382, 214.469)
contains.

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Color

CIELCh(70, 17.343, 214.790)

Conversions

Conversions Part 1

Format	Color
Hex	81B3BC
RGB	129, 179, 188
RGB Percent	51%, 70%, 74%
CMY	0.4926, 0.2964, 0.2611
CMYK	0.31, 0.05, 0.00, 0.26
HSL	189°, 31%, 62%
HSV	189°, 31%, 74%
XYZ	34.4360, 40.7494, 53.8583
YIQ	165.0760, -32.6890, -7.8010

Conversions

Conversions Part 2

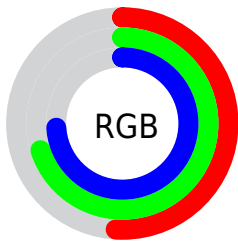
Format	Color
RYB	129, 156, 188
Decimal	8500156
CIELab	70.00, -14.24, -9.90
CIELCh	70, 17.343, 214.790
Yxy	40.7494, 0.2669, 0.3158
Android (android.graphics.Color)	4286690236 (0xFF81B3BC)
YUV	165.0760, 11.3015, -31.6387
Hunter-Lab	63.8353, -15.4198, -5.3388

Details

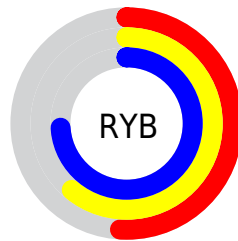
The CIELCh color **70, 17.343, 214.790** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **62, 21.640, 34.645**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 17.227, 214.241**, and **50, 17.290, 215.714** is the 20% darker color. If you saturate the color by 10%, you get **68, 21.915, 215.327**, and if you desaturate by 10%, it is **72, 12.237, 214.445**.

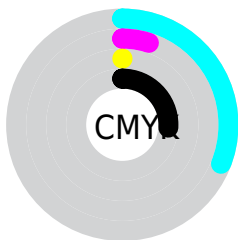
Distribution



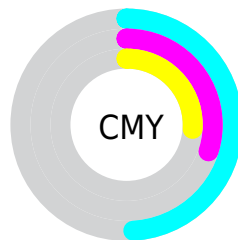
- Red (51%)
- Green (70%)
- Blue (74%)



- Red (51%)
- Yellow (61%)
- Blue (74%)



- Cyan (31%)
- Magenta (5%)
- Yellow (0%)
- Black (26%)





- Cyan (49%)
- Magenta (30%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 17.343, 214.790 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, 17.343, 214.790 by changing the saturation by 10% instead.


 70, 17.343,
214.790


 70, 17.343,
214.790


 100, 17.343,
214.790


 60, 17.343,
214.790


 90, 17.343,
214.790

 50, 17.343,
214.790

 40, 17.343,
214.790

 30, 17.343,
214.790

 20, 17.343,
214.790

 10, 17.343,
214.790

 0, 17.343, 214.790

70, 17.343,
214.790

70, 17.343,
214.790

68, 21.915,
215.327

72, 12.237,
214.445

67, 25.861,
216.113

74, 6.694, 214.282

65, 29.100,
217.197

76, 0.801, 214.783

78, 5.360, 34.041

64, 31.577,
218.642

81, 11.723, 34.182

62, 33.281,
220.513

83, 18.228, 34.339

85, 22.395, 35.862

61, 34.261,
222.870

86, 21.802, 40.223

60, 34.703,
225.251

86, 21.347, 44.799

Harmonies

Complementary

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



70, 17.343, 214.790



62, 21.640, 34.645

Rectangle

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



70, 17.343, 214.790



70, 17.343, 264.790



70, 17.343, 34.790



70, 17.343, 84.790

Sweetspot

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



70, 17.343, 214.786



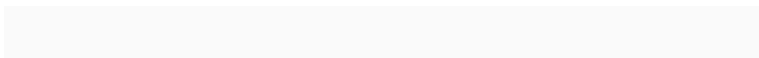
94, 6.621, 214.273



71, 35.231, 146.522



50, 4.581, 214.277



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



70, 17.343, 214.786



87, 25.242, 215.158



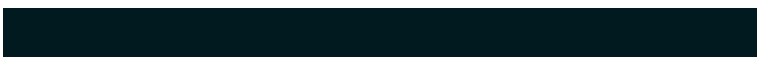
62, 22.353, 274.658



39, 3.373, 214.274



51, 30.489, 224.818



8, 9.725, 220.164

Inverse Universe

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



61, 35.247, 330.825



75, 52.616, 331.287



70, 22.656, 85.735



37, 6.362, 329.452



36, 71.862, 335.304



3, 18.475, 331.723

Previews

White Background



This preview shows how the CIELCh color 70, 17.343, 214.790 looks on a white background.

Color Contrast Check

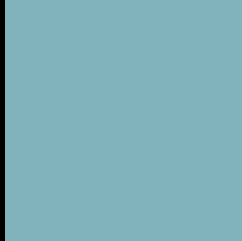
Large Text (above 18pt) WCAG AA × Fail

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, 17.343, 214.790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

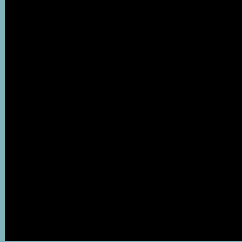
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 17.343, 214.790

Background



This preview shows how black text looks on a background with the CIELCh color 70, 17.343, 214.790.

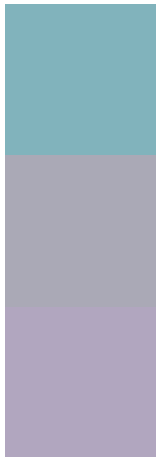


This preview shows how white text looks on a background with the CIELCh color 70, 17.343, 214.790.

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, 17.343, 214.790

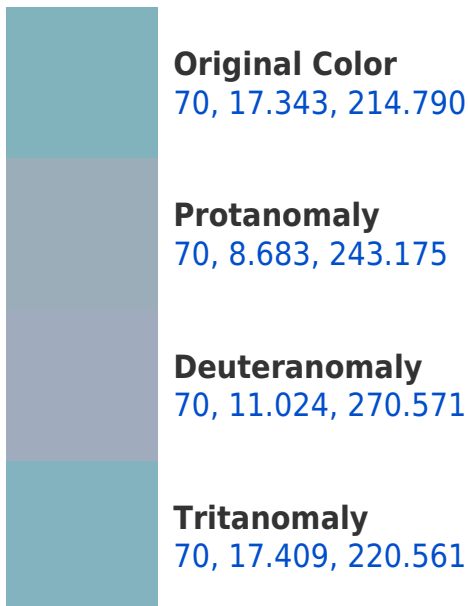
Protanopia
70, 7.149, 293.829

Deuteranopia
70, 14.347, 307.573



Tritanopia
70, 17.725, 224.067

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 17.343, 214.790 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(129, 179, 188)` looks like.

```
.text, #text, p{  
    color:rgb(129, 179, 188)  
}
```

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(129, 179, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 179, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 17.343, 214.790 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(129, 179, 188) }
```

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

```
.border{ border-color:rgb(129, 179, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 179, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 179, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 179, 188);  
box-shadow:4px 4px 4px 4px rgb(129, 179,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 17.343, 214.790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 179, 188) }
```

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

```
.background{ background-color: rgb(129,  
179, 188) }
```

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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