

Converting Colors

CIELCh(70, 15.779, 211.234)

Have a look what the booklet for
CIELCh(70, 15.779, 211.234)
contains.

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Color

CIELCh(70, 15.649, 210.434)

Conversions

Conversions Part 1

Format	Color
Hex	86B3B9
RGB	134, 179, 185
RGB Percent	53%, 70%, 73%
CMY	0.4750, 0.2985, 0.2750
CMYK	0.28, 0.03, 0.00, 0.27
HSL	187°, 27%, 63%
HSV	187°, 28%, 73%
XYZ	34.6538, 40.7494, 51.8724
YIQ	166.2290, -28.7460, -7.6740

Conversions

Conversions Part 2

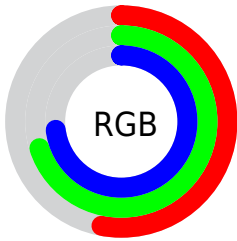
Format	Color
RYB	134, 158, 185
Decimal	8827833
CIELab	70.00, -13.49, -7.93
CIElCh	70, 15.649, 210.434
Yxy	40.7494, 0.2723, 0.3202
Android (android.graphics.Color)	4287017913 (0xFF86B3B9)
YUV	166.2290, 9.2541, -28.2648
Hunter-Lab	63.8353, -14.8106, -3.4943

Details

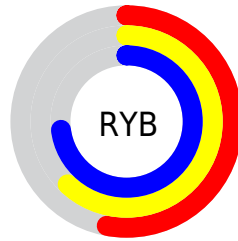
The CIELCh color **70, 15.649, 210.434** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **62, 18.968, 31.239**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 15.820, 209.871**, and **50, 15.690, 210.931** is the 20% darker color. If you saturate the color by 10%, you get **68, 20.467, 210.658**, and if you desaturate by 10%, it is **72, 10.320, 210.353**.

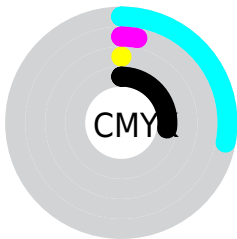
Distribution



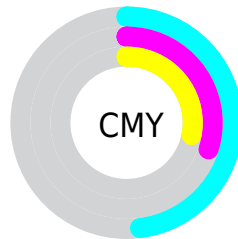
- Red (53%)
- Green (70%)
- Blue (73%)



- Red (53%)
- Yellow (62%)
- Blue (73%)



- Cyan (28%)
- Magenta (3%)
- Yellow (0%)
- Black (27%)





- Cyan (48%)
- Magenta (30%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 15.649, 210.434 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, 15.649, 210.434 by changing the saturation by 10% instead.


 70, 15.649,
210.434


 70, 15.649,
210.434


 100, 15.649,
210.434


 60, 15.649,
210.434


 90, 15.649,
210.434

 50, 15.649,
210.434

 40, 15.649,
210.434

 30, 15.649,
210.434

 20, 15.649,
210.434

 10, 15.649,
210.434

 0, 15.649, 210.434

70, 15.649,
210.434

70, 15.649,
210.434

68, 20.467,
210.658

72, 10.320,
210.353

67, 24.677,
211.070

74, 4.577, 210.439

66, 28.190,
211.701

76, 1.491, 30.085

64, 30.937,
212.597

78, 7.805, 30.550

63, 32.887,
213.803

80, 14.299, 30.815

62, 34.057,
215.367

82, 20.916, 31.099

62, 34.559,
217.303

84, 24.333, 32.539

61, 34.648,

84, 23.790, 35.476

85, 23.315, 38.543

217.792

Harmonies

Complementary

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



70, 15.649, 210.434



62, 18.968, 31.239

Rectangle

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



70, 15.649, 210.434



70, 15.649, 260.434



70, 15.649, 30.434



70, 15.649, 80.434

Sweetspot

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



70, 15.649, 210.429



93, 5.954, 210.428



71, 31.320, 145.839



49, 4.213, 210.402



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



70, 15.649, 210.429



87, 22.583, 210.546



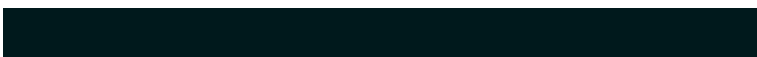
63, 18.585, 271.143



38, 3.385, 210.407



52, 30.523, 217.472



7, 8.965, 215.512

Inverse Universe

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



62, 31.350, 329.423



76, 46.199, 329.780



69, 19.041, 83.355



36, 6.373, 328.326



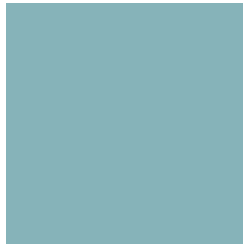
36, 72.941, 333.467



3, 16.691, 329.767

Previews

White Background



This preview shows how the CIELCh color 70, 15.649, 210.434 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, 15.649, 210.434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

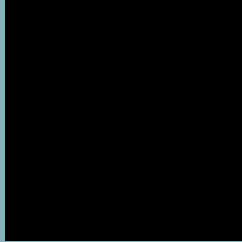
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

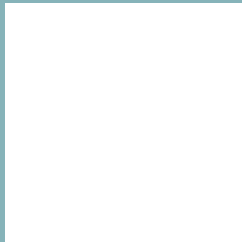
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 15.649, 210.434

Background



This preview shows how black text looks on a background with the CIELCh color 70, 15.649, 210.434.



This preview shows how white text looks on a background with the CIELCh color 70, 15.649, 210.434.

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, 15.649, 210.434

Protanopia
70, 4.955, 294.950

Deuteranopia
70, 13.030, 312.660



Tritanopia
70, 16.126, 226.974

Trichromacy



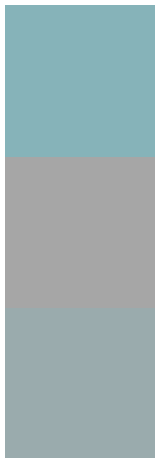
Original Color
70, 15.649, 210.434

Protanomaly
70, 6.880, 238.787

Deuteranomaly
70, 9.161, 272.854

Tritanomaly
70, 15.588, 221.239

Monochromacy



Original Color
70, 15.649, 210.434

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 6.288, 209.061

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 15.649, 210.434 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(134, 179, 185)` looks like.

```
.text, #text, p{  
    color:rgb(134, 179, 185)  
}
```

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(134, 179, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 179, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 15.649, 210.434 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(134, 179, 185) }
```

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

```
.border{ border-color:rgb(134, 179, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 179, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 179, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 179, 185);  
box-shadow:4px 4px 4px 4px rgb(134, 179,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 15.649, 210.434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 179, 185) }
```

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

```
.background{ background-color: rgb(134,  
179, 185) }
```

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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