

Converting Colors

CIELCh(70, 10.364, 208.211)

Have a look what the booklet for
CIELCh(70, 10.364, 208.211)
contains.

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Color

CIELCh(70, 10.145, 211.185)

Conversions

Conversions Part 1

Format	Color
Hex	94B0B4
RGB	148, 176, 180
RGB Percent	58%, 69%, 71%
CMY	0.4188, 0.3090, 0.2933
CMYK	0.18, 0.02, 0.00, 0.29
HSL	187°, 18%, 64%
HSV	187°, 18%, 71%
XYZ	36.0738, 40.7494, 49.2540
YIQ	168.0840, -17.9720, -4.6920

Conversions

Conversions Part 2

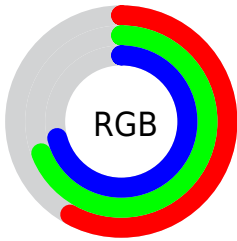
Format	Color
RYB	148, 163, 180
Decimal	9744564
CIELab	70.00, -8.68, -5.25
CIELCh	70, 10.145, 211.185
Yxy	40.7494, 0.2861, 0.3232
Android (android.graphics.Color)	4287934644 (0xFF94B0B4)
YUV	168.0840, 5.8746, -17.6137
Hunter-Lab	63.8353, -10.8399, -1.0622

Details

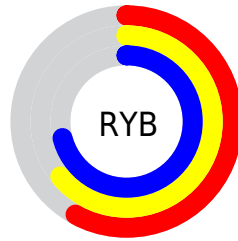
The CIELCh color **70, 10.145, 211.185** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **65, 11.417, 31.487**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 10.402, 210.363**, and **50, 9.908, 212.200** is the 20% darker color. If you saturate the color by 10%, you get **68, 15.330, 211.294**, and if you desaturate by 10%, it is **72, 4.558, 211.223**.

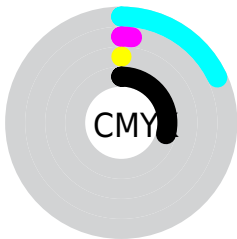
Distribution



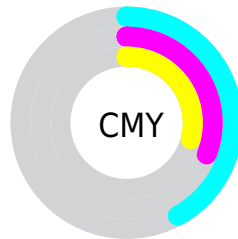
- Red (58%)
- Green (69%)
- Blue (71%)



- Red (58%)
- Yellow (64%)
- Blue (71%)



- Cyan (18%)
- Magenta (2%)
- Yellow (0%)
- Black (29%)





- Cyan (42%)
- Magenta (31%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 10.145, 211.185 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, 10.145, 211.185 by changing the saturation by 10% instead.


 70, 10.145,
211.185


 70, 10.145,
211.185


 100, 10.145,
211.185


 60, 10.145,
211.185


 90, 10.145,
211.185

 50, 10.145,
211.185

 40, 10.145,
211.185

 30, 10.145,
211.185

 20, 10.145,
211.185

 10, 10.145,
211.185

 0, 10.145, 211.185

70, 10.145,
211.185

70, 10.145,
211.185

68, 15.330,
211.294

72, 4.558, 211.223

67, 20.017,
211.573

74, 1.345, 30.808

76, 7.490, 31.273

65, 24.115,
212.042

78, 13.809, 31.511

64, 27.535,
212.742

80, 20.251, 31.771

83, 26.244, 32.233

63, 30.213,
213.720

83, 25.670, 35.031

62, 32.118,
215.027

84, 25.161, 37.952

84, 24.722, 40.988

61, 33.268,
216.713

60, 33.779,

218.788

■ 60, 33.869,
219.271

Harmonies

Complementary

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



70, 10.145, 211.185



65, 11.417, 31.487

Rectangle

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



70, 10.145, 211.185



70, 10.145, 261.185



70, 10.145, 31.185



70, 10.145, 81.185

Sweetspot

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



70, 10.145, 211.177



92, 3.664, 211.294



70, 19.731, 146.639



49, 2.493, 211.270



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, 10.145, 211.177



88, 14.696, 211.202



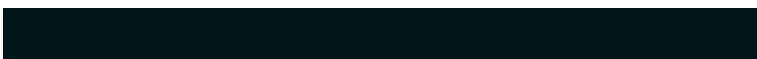
66, 11.671, 269.434



37, 3.288, 211.201



51, 30.040, 218.940



6, 7.817, 217.295

Inverse Universe

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



65, 19.656, 329.066



81, 28.825, 329.283



69, 11.842, 84.651



35, 6.195, 328.555



35, 71.668, 333.830



2, 14.317, 329.926

Previews

White Background



This preview shows how the CIELCh color 70, 10.145, 211.185 looks on a white background.

Color Contrast Check

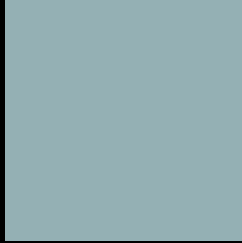
Large Text (above 18pt) WCAG AA × Fail

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, 10.145, 211.185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

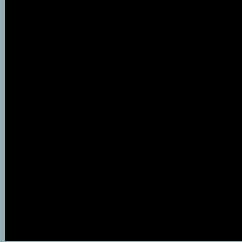
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

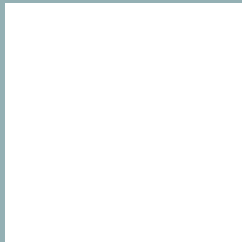
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 10.145, 211.185

Background



This preview shows how black text looks on a background with the CIELCh color 70, 10.145, 211.185.



This preview shows how white text looks on a background with the CIELCh color 70, 10.145, 211.185.

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](#).

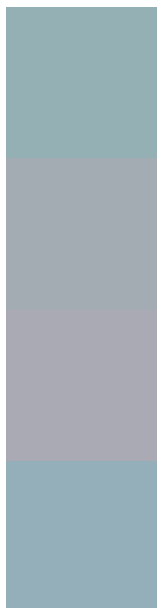
Dichromacy





Tritanopia
70, 11.432, 241.187

Trichromacy



Original Color
70, 10.145, 211.185

Protanomaly
70, 4.607, 244.898

Deuteranomaly
70, 6.031, 290.789

Tritanomaly
70, 10.783, 232.933

Monochromacy



Original Color
70, 10.145, 211.185

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 3.733, 207.690

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 10.145, 211.185 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(148, 176, 180)` looks like.

```
.text, #text, p{  
    color:rgb(148, 176, 180)  
}
```

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(148, 176, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 176, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 10.145, 211.185 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(148, 176, 180) }
```

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

```
.border{ border-color:rgb(148, 176, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 176, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 176, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 176, 180);  
box-shadow:4px 4px 4px 4px rgb(148, 176,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 10.145, 211.185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 176, 180) }
```

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

```
.background{ background-color: rgb(148,  
176, 180) }
```

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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