

Converting Colors

CIELCh(70, 8.070, 210.641)

Have a look what the booklet for
CIELCh(70, 8.070, 210.641) contains.

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Color

CIELCh(70, 8.063, 210.626)

Conversions

Conversions Part 1

Format	Color
Hex	99AFB2
RGB	153, 175, 178
RGB Percent	60%, 69%, 70%
CMY	0.3992, 0.3129, 0.3012
CMYK	0.14, 0.02, 0.00, 0.30
HSL	187°, 14%, 65%
HSV	187°, 14%, 70%
XYZ	36.5967, 40.7494, 48.1596
YIQ	168.7640, -14.0750, -3.7310

Conversions

Conversions Part 2

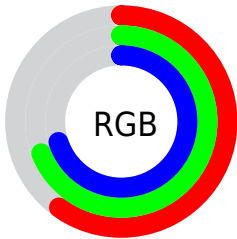
Format	Color
RYB	153, 165, 178
Decimal	10071986
CIELab	70.00, -6.94, -4.11
CIELCh	70, 8.063, 210.626
Yxy	40.7494, 0.2916, 0.3247
Android (android.graphics.Color)	4288262066 (0xFF99AFB2)
YUV	168.7640, 4.5533, -13.8250
Hunter-Lab	63.8353, -9.3778, -0.0458

Details

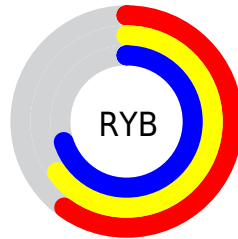
The CIELCh color **70, 8.063, 210.626** is a light color, and the websafe version is hex **999999**. A complement of this color would be **66, 8.837, 30.871**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 8.057, 210.142**, and **50, 8.043, 207.013** is the 20% darker color. If you saturate the color by 10%, you get **68, 13.381, 210.650**, and if you desaturate by 10%, it is **72, 2.378, 210.812**.

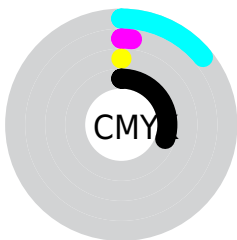
Distribution



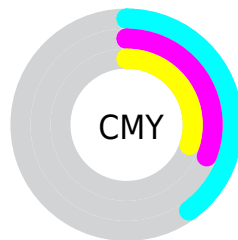
- Red (60%)
- Green (69%)
- Blue (70%)



- Red (60%)
- Yellow (65%)
- Blue (70%)



- Cyan (14%)
- Magenta (2%)
- Yellow (0%)
- Black (30%)



- Cyan (40%)
- Magenta (31%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 8.063, 210.626 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, 8.063, 210.626 by changing the saturation by 10% instead.

■ 70, 8.063, 210.626

■ 70, 8.063, 210.626

■ 100, 8.063,
210.626

■ 60, 8.063, 210.626

■ 90, 8.063, 210.626

■ 50, 8.063, 210.626

■ 40, 8.063, 210.626

■ 30, 8.063, 210.626

■ 20, 8.063, 210.626

■ 10, 8.063, 210.626

■ 0, 8.063, 210.626

■ 70, 8.063, 210.626

■ 70, 8.063, 210.626

■ 68, 13.381,

■ 72, 2.378, 210.812

210.650

74, 3.593, 30.585

67, 18.239,
210.835

76, 9.777, 30.867

65, 22.544,
211.191

78, 16.115, 31.128

64, 26.206,
211.755

80, 22.556, 31.412

63, 29.150,
212.569

83, 26.476, 34.916

61, 31.331,
213.680

83, 25.985, 37.593

61, 32.745,
215.137

84, 25.556, 40.369

60, 33.450,
216.981

59, 33.676,
218.204

Harmonies

Complementary

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



70, 8.063, 210.626



66, 8.837, 30.871

Rectangle

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



70, 8.063, 210.626



70, 8.063, 260.626



70, 8.063, 30.626



70, 8.063, 80.626

Sweetspot

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



70, 8.063, 210.615



91, 2.924, 210.810



70, 15.425, 146.913



49, 2.091, 210.770



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, 8.063, 210.615



88, 11.992, 210.610



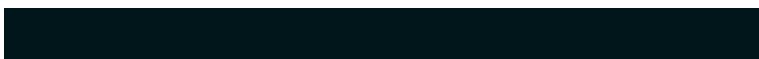
67, 9.124, 268.856



37, 3.301, 210.656



51, 30.119, 217.908



6, 7.850, 216.506

Inverse Universe

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



66, 15.421, 328.680



82, 23.186, 328.876



69, 9.223, 85.129



35, 6.217, 328.396



35, 71.945, 333.575



2, 14.389, 329.691

Previews

White Background



This preview shows how the CIELCh color 70, 8.063, 210.626 looks on a white background.

Color Contrast Check

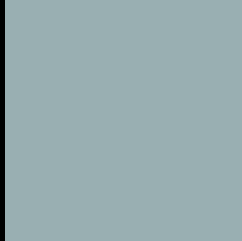
Large Text (above 18pt) WCAG AA × Fail

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, 8.063, 210.626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

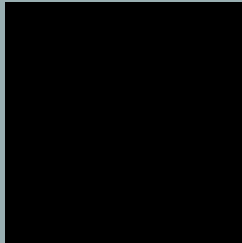
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

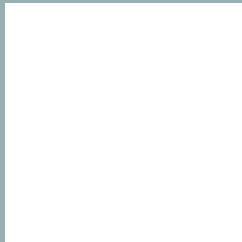
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 8.063, 210.626

Background



This preview shows how black text looks on a background with the CIELCh color 70, 8.063, 210.626.

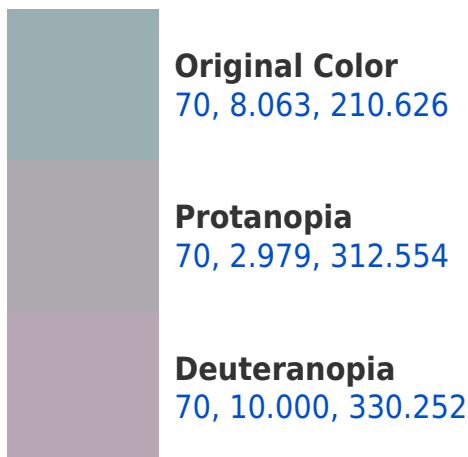


This preview shows how white text looks on a background with the CIELCh color 70, 8.063, 210.626.

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, 10.037, 249.048

Trichromacy



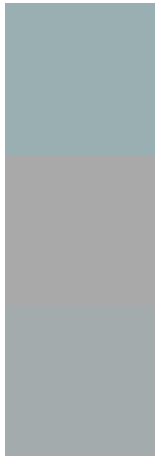
Original Color
70, 8.063, 210.626

Protanomaly
70, 3.090, 244.625

Deuteranomaly
70, 5.614, 302.113

Tritanomaly
70, 8.860, 237.299

Monochromacy



Original Color
70, 8.063, 210.626

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 3.011, 209.825

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 8.063, 210.626 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(153, 175, 178)` looks like.

```
.text, #text, p{  
    color:rgb(153, 175, 178)  
}
```

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(153, 175, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 175, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 8.063, 210.626 is called "border". The border property can be set on classes, ids or directly on the HTML element.

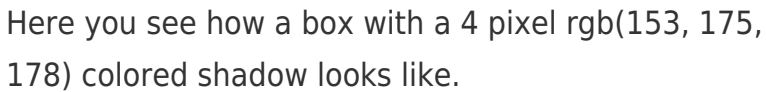
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 175, 178) }
```

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

```
.border{ border-color:rgb(153, 175, 178) }
```

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



Here you see how a box with a 4 pixel `rgb(153, 175, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 175, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 175, 178); box-shadow:4px 4px 4px 4px rgb(153, 175, 178) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 8.063, 210.626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 175, 178) }
```

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

```
.background{ background-color: rgb(153,  
175, 178) }
```

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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