

Converting Colors

CIELCh(70, 6.079, 156.604)

Have a look what the booklet for
CIELCh(70, 6.079, 156.604) contains.

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Color

CIELCh(70, 5.948, 158.954)

Conversions

Conversions Part 1

Format	Color
Hex	A2AEA7
RGB	162, 174, 167
RGB Percent	64%, 68%, 65%
CMY	0.3647, 0.3176, 0.3450
CMYK	0.07, 0.00, 0.04, 0.32
HSL	145°, 7%, 66%
HSV	145°, 7%, 68%
XYZ	37.0170, 40.7494, 42.4792
YIQ	169.6140, -4.9050, -4.7210

Conversions

Conversions Part 2

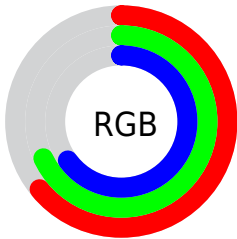
Format	Color
RYB	162, 170, 174
Decimal	10661543
CIELab	70.00, -5.55, 2.14
CIELCh	70, 5.948, 158.954
Yxy	40.7494, 0.3078, 0.3389
Android (android.graphics.Color)	4288851623 (0xFFA2AEA7)
YUV	169.6140, -1.2887, -6.6775
Hunter-Lab	63.8353, -8.2026, 5.2302

Details

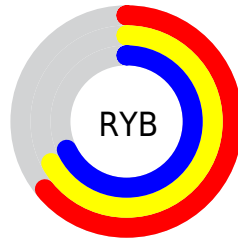
The CIELCh color **70, 5.948, 158.954** is a light color, and the websafe version is hex **999999**. A complement of this color would be **68, 5.994, 339.876**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 5.646, 159.093**, and **50, 6.353, 158.728** is the 20% darker color. If you saturate the color by 10%, you get **69, 14.612, 158.084**, and if you desaturate by 10%, it is **72, 2.673, 339.509**.

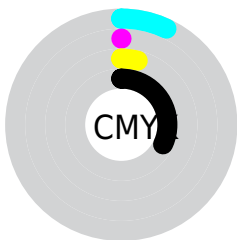
Distribution



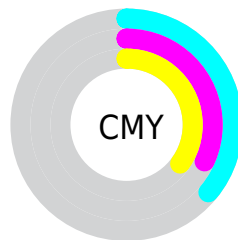
- Red (64%)
- Green (68%)
- Blue (65%)



- Red (64%)
- Yellow (67%)
- Blue (68%)



- Cyan (7%)
- Magenta (0%)
- Yellow (4%)
- Black (32%)



- Cyan (36%)
- Magenta (32%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 5.948, 158.954 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, 5.948, 158.954 by changing the saturation by 10% instead.

■ 70, 5.948, 158.954

■ 70, 5.948, 158.954

■ 100, 5.948,
158.954

■ 60, 5.948, 158.954

■ 90, 5.948, 158.954

■ 50, 5.948, 158.954

■ 40, 5.948, 158.954

■ 30, 5.948, 158.954

■ 20, 5.948, 158.954

■ 10, 5.948, 158.954

■ 0, 5.948, 158.954

■ 70, 5.948, 158.954

■ 70, 5.948, 158.954

■ 69, 14.612,

■ 72, 2.673, 339.509

158.084

73, 11.180,
340.275

67, 23.215,
157.139

75, 19.518,
340.896

66, 31.639,
156.072

77, 27.648,
341.457

65, 39.745,
154.861

79, 35.548,
341.972

64, 47.383,
153.480

80, 40.336,
338.150

64, 54.413,
151.909

81, 43.938,
332.932

63, 60.717,
150.138

81, 47.879,
328.620

63, 66.223,
148.171

81, 50.650,
326.173

62, 70.947,
146.058

Harmonies

Complementary

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



70, 5.948, 158.954



68, 5.994, 339.876

Rectangle

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



70, 5.948, 158.954



70, 5.948, 208.954



70, 5.948, 338.954



70, 5.948, 28.954

Sweetspot

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



70, 5.950, 158.949



90, 2.131, 159.458



70, 6.805, 125.181



48, 1.221, 159.477



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



70, 5.950, 158.949



89, 8.570, 158.842



70, 4.501, 190.733



36, 4.875, 158.743



54, 64.583, 145.715



6, 10.887, 155.944

Inverse Universe

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



68, 5.994, 339.876



85, 8.638, 339.981



68, 4.661, 11.602



34, 4.917, 340.078



32, 58.702, 353.760



2, 9.626, 344.312

Previews

White Background



This preview shows how the CIELCh color 70, 5.948, 158.954 looks on a white background.

Color Contrast Check

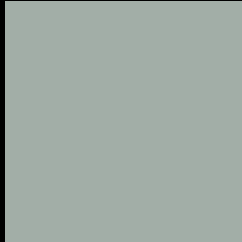
Large Text (above 18pt) WCAG AA × Fail

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, 5.948, 158.954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

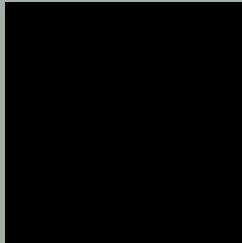
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

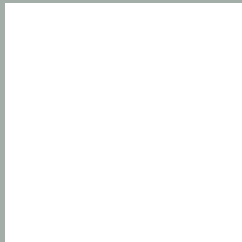
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 5.948, 158.954

Background



This preview shows how black text looks on a background with the CIELCh color 70, 5.948, 158.954.

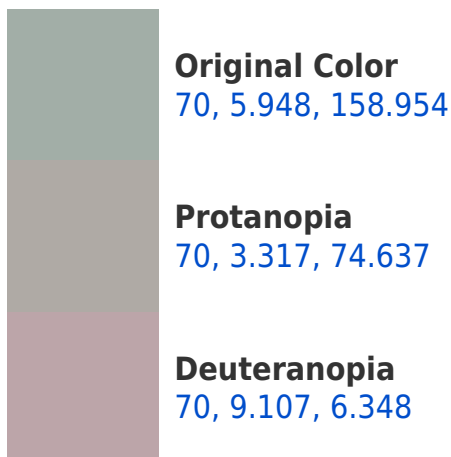


This preview shows how white text looks on a background with the CIELCh color 70, 5.948, 158.954.

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](#).

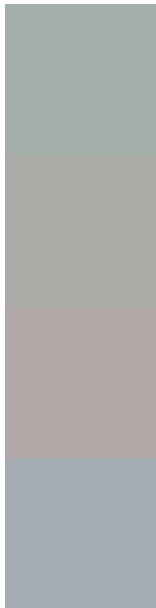
Dichromacy





Tritanopia
70, 7.927, 275.110

Trichromacy



Original Color
70, 5.948, 158.954

Protanomaly
70, 2.756, 117.805

Deuteranomaly
70, 4.201, 19.658

Tritanomaly
70, 4.362, 248.305

Monochromacy



Original Color
70, 5.948, 158.954

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 1.867, 163.657

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 5.948, 158.954 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(162, 174, 167)` looks like.

```
.text, #text, p{  
    color:rgb(162, 174, 167)  
}
```

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(162, 174, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 174, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 5.948, 158.954 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(162, 174, 167) }
```

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

```
.border{ border-color:rgb(162, 174, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 174, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 174, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 174, 167);  
box-shadow:4px 4px 4px 4px rgb(162, 174,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 5.948, 158.954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 174, 167) }
```

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

```
.background{ background-color: rgb(162,  
174, 167) }
```

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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