

Converting Colors

CIELCh(70, 11.715, 119.535)

Have a look what the booklet for
CIELCh(70, 11.715, 119.535)
contains.

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Color

CIELCh(70, 12.213, 120.030)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | A8AE98 |
| RGB | 168, 174, 152 |
| RGB Percent | 66%, 68%, 60% |
| CMY | 0.3420, 0.3185, 0.4047 |
| CMYK | 0.03, 0.00, 0.13, 0.32 |
| HSL | 76°, 12%, 64% |
| HSV | 76°, 13%, 68% |
| XYZ | 36.8467, 40.7494, 35.5381 |
| YIQ | 169.6980, 3.4860, -8.1140 |

Conversions

Conversions Part 2

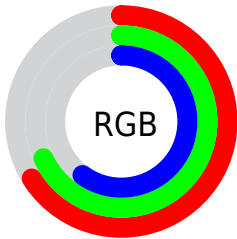
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 152, 174, 158 |
| Decimal | 11054744 |
| CIELab | 70.00, -6.11, 10.57 |
| CIELCh | 70, 12.213, 120.030 |
| Yxy | 40.7494, 0.3257, 0.3602 |
| Android (android.graphics.Color) | 4289244824 (0xFFA8AE98) |
| YUV | 169.6980, -8.7251, -1.4891 |
| Hunter-Lab | 63.8353, -8.6788, 11.6771 |

Details

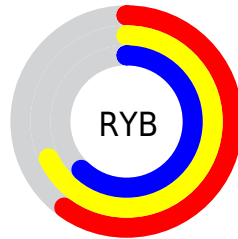
The CIELCh color **70, 12.213, 120.030** is a light color, and the websafe version is hex **999999**. A complement of this color would be **64, 12.522, 301.570**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 12.111, 119.713**, and **50, 12.454, 120.298** is the 20% darker color. If you saturate the color by 10%, you get **69, 21.813, 119.428**, and if you desaturate by 10%, it is **71, 2.560, 120.637**.

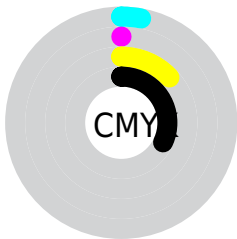
Distribution



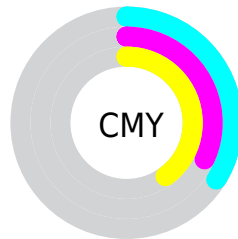
- Red (66%)
- Green (68%)
- Blue (60%)



- Red (60%)
- Yellow (68%)
- Blue (62%)



- Cyan (3%)
- Magenta (0%)
- Yellow (13%)
- Black (32%)





- Cyan (34%)
- Magenta (32%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 12.213, 120.030 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, 12.213, 120.030 by changing the saturation by 10% instead.


 70, 12.213,
120.030


 70, 12.213,
120.030


 100, 12.213,
120.030


 60, 12.213,
120.030


 90, 12.213,
120.030

 50, 12.213,
120.030

 40, 12.213,
120.030

 30, 12.213,
120.030

 20, 12.213,
120.030

 10, 12.213,
120.030

 0, 12.213, 120.030

70, 12.213,
120.030

70, 12.213,
120.030

69, 21.813,
119.428

71, 2.560, 120.637

69, 31.278,
118.827

72, 7.098, 301.188

68, 40.496,
118.255

73, 16.720,
301.729

67, 49.295,
117.752

74, 26.279,
302.236

67, 57.426,
117.376

75, 35.755,
302.708

66, 64.541,
117.207

76, 44.577,
303.239

66, 70.215,
117.346

76, 44.817,
305.178

66, 74.079,

76, 45.104,
307.117

117.890

■ 77, 45.438,
309.051

■ 65, 76.032,
118.479

Harmonies

Complementary

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



70, 12.213, 120.030



64, 12.522, 301.570

Rectangle

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



70, 12.213, 120.030



70, 12.213, 170.030



70, 12.213, 300.030



70, 12.213, 350.030

Sweetspot

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



70, 12.215, 120.035



90, 4.792, 120.550



66, 7.131, 46.769



48, 3.434, 120.505



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, 12.215, 120.035



89, 17.977, 119.877



69, 13.717, 137.247



36, 5.454, 120.236



57, 68.314, 118.322



7, 11.723, 124.013

Inverse Universe

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



64, 12.522, 301.570



80, 18.521, 301.752



65, 13.822, 318.332



34, 5.558, 301.345



19, 87.831, 308.129



1, 11.502, 298.859

Previews

White Background



This preview shows how the CIELCh color 70, 12.213, 120.030 looks on a white background.

Color Contrast Check

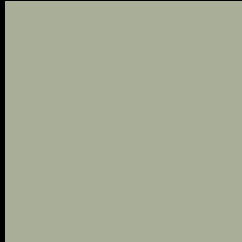
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 70, 12.213, 120.030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

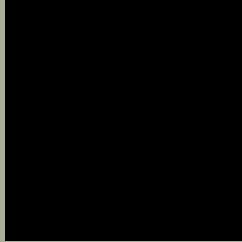
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

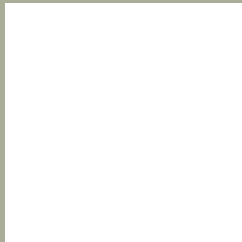
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 12.213, 120.030

Background



This preview shows how black text looks on a background with the CIELCh color 70, 12.213, 120.030.

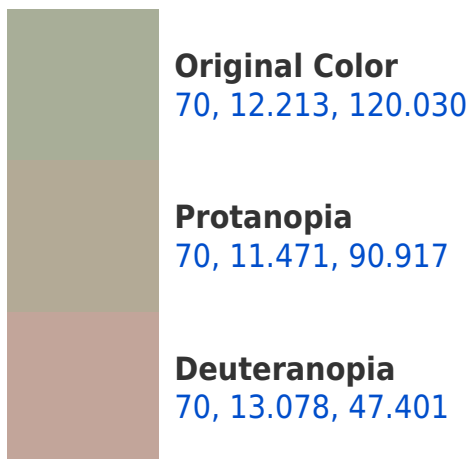


This preview shows how white text looks on a background with the CIELCh color 70, 12.213, 120.030.

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](#).

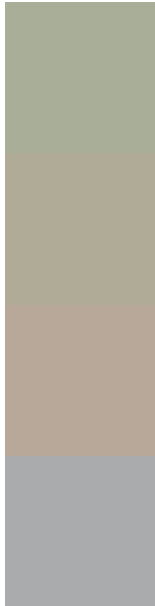
Dichromacy





Tritanopia
70, 7.775, 299.059

Trichromacy



Original Color
70, 12.213, 120.030

Protanomaly
70, 11.007, 100.825

Deuteranomaly
70, 10.366, 71.612

Tritanomaly
70, 0.665, 256.050

Monochromacy



Original Color
70, 12.213, 120.030

Achromatopsia
69, 0.009, 296.813

Achromatomaly
70, 4.440, 119.633

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 12.213, 120.030 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(168, 174, 152)` looks like.

```
.text, #text, p{  
    color:rgb(168, 174, 152)  
}
```

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(168, 174, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 174, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 12.213, 120.030 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(168, 174, 152) }
```

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

```
.border{ border-color:rgb(168, 174, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 174, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 174, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 174, 152);  
box-shadow:4px 4px 4px 4px rgb(168, 174,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 12.213, 120.030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 174, 152) }
```

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

```
.background{ background-color: rgb(168,  
174, 152) }
```

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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