

Converting Colors

CIELCh(70, 11.462, 128.369)

Have a look what the booklet for
CIELCh(70, 11.462, 128.369)
contains.

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Color

CIELCh(70, 10.949, 127.665)

Conversions

Conversions Part 1

Format	Color
Hex	A5AE9B
RGB	165, 174, 155
RGB Percent	65%, 68%, 61%
CMY	0.3521, 0.3168, 0.3913
CMYK	0.05, 0.00, 0.11, 0.32
HSL	88°, 11%, 65%
HSV	88°, 11%, 68%
XYZ	36.6716, 40.7494, 37.0346
YIQ	169.1430, 0.7350, -7.8170

Conversions

Conversions Part 2

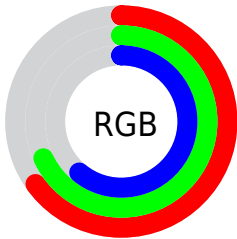
Format	Color
RYB	155, 174, 164
Decimal	10858139
CIELab	70.00, -6.69, 8.67
CIELCh	70, 10.949, 127.665
Yxy	40.7494, 0.3204, 0.3560
Android (android.graphics.Color)	4289048219 (0xFFA5AE9B)
YUV	169.1430, -6.9725, -3.6334
Hunter-Lab	63.8353, -9.1683, 10.2871

Details

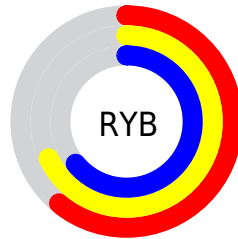
The CIELCh color **70, 10.949, 127.665** is a light color, and the websafe version is hex **999999**. A complement of this color would be **65, 11.128, 308.637**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 10.888, 126.909**, and **50, 11.139, 128.443** is the 20% darker color. If you saturate the color by 10%, you get **69, 20.995, 127.191**, and if you desaturate by 10%, it is **71, 0.904, 128.217**.

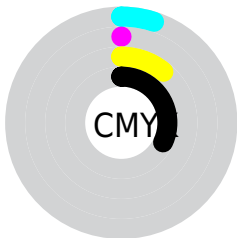
Distribution



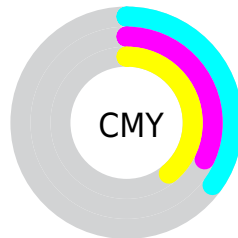
- Red (65%)
- Green (68%)
- Blue (61%)



- Red (61%)
- Yellow (68%)
- Blue (64%)



- Cyan (5%)
- Magenta (0%)
- Yellow (11%)
- Black (32%)





- Cyan (35%)
- Magenta (32%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 10.949, 127.665 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, 10.949, 127.665 by changing the saturation by 10% instead.


 70, 10.949,
127.665


 70, 10.949,
127.665


 100, 10.949,
127.665


 60, 10.949,
127.665


 90, 10.949,
127.665

 50, 10.949,
127.665

 40, 10.949,
127.665

 30, 10.949,
127.665

 20, 10.949,
127.665

 10, 10.949,
127.665

 0, 10.949, 127.665

70, 10.949,
127.665

70, 10.949,
127.665

69, 20.995,
127.191

71, 0.904, 128.217

68, 30.957,
126.705

72, 9.090, 308.514

67, 40.723,
126.231

73, 18.991,
308.902

66, 50.129,
125.806

75, 28.771,
309.251

66, 58.940,
125.492

76, 38.408,
309.565

65, 66.824,
125.375

77, 45.511,
310.689

65, 73.371,
125.572

78, 46.276,
314.023

64, 78.183,

79, 47.182,
317.292

126.202

80, 48.223,
320.474

64, 81.232,
127.079

Harmonies

Complementary

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



70, 10.949, 127.665



65, 11.128, 308.637

Rectangle

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



70, 10.949, 127.665



70, 10.949, 177.665



70, 10.949, 307.665



70, 10.949, 357.665

Sweetspot

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



70, 10.951, 127.669



90, 3.721, 128.047



68, 6.266, 70.409



48, 2.846, 128.005



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, 10.951, 127.669



88, 16.185, 127.559



69, 12.605, 142.957



36, 5.659, 127.744



56, 72.787, 126.884



6, 12.230, 131.357

Inverse Universe

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



65, 11.128, 308.637



82, 16.495, 308.751



66, 12.630, 324.099



34, 5.739, 308.558



22, 84.503, 311.498



1, 11.781, 305.029

Previews

White Background



This preview shows how the CIELCh color 70, 10.949, 127.665 looks on a white background.

Color Contrast Check

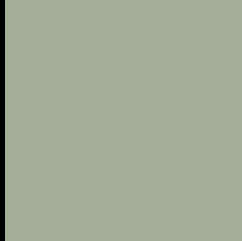
Large Text (above 18pt) WCAG AA × Fail

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, 10.949, 127.665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

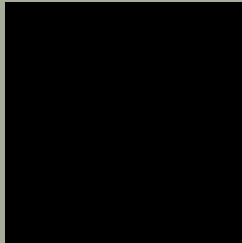
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 10.949, 127.665

Background



This preview shows how black text looks on a background with the CIELCh color 70, 10.949, 127.665.



This preview shows how white text looks on a background with the CIELCh color 70, 10.949, 127.665.

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, 10.949, 127.665

Protanopia

70, 9.785, 90.433

Deuteranopia

70, 11.945, 41.571



Tritanopia
70, 7.674, 290.949

Trichromacy



Original Color
70, 10.949, 127.665

Protanomaly
70, 9.811, 106.897

Deuteranomaly
70, 8.820, 67.482

Tritanomaly
70, 1.836, 236.216

Monochromacy



Original Color
70, 10.949, 127.665

Achromatopsia
69, 0.009, 296.813

Achromatomaly
70, 3.999, 126.368

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 10.949, 127.665 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(165, 174, 155)` looks like.

```
.text, #text, p{  
    color:rgb(165, 174, 155)  
}
```

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(165, 174, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 174, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 10.949, 127.665 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(165, 174, 155) }
```

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

```
.border{ border-color:rgb(165, 174, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 174, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 174, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 174, 155);  
box-shadow:4px 4px 4px 4px rgb(165, 174,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 10.949, 127.665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 174, 155) }
```

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

```
.background{ background-color: rgb(165,  
174, 155) }
```

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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