

Converting Colors

CIELCh(67, 14.678, 130.307)

Have a look what the booklet for
CIELCh(67, 14.678, 130.307)
contains.

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Color

CIELCh(67, 14.170, 129.900)

Conversions

Conversions Part 1

Format	Color
Hex	9AA78F
RGB	154, 167, 143
RGB Percent	60%, 65%, 56%
CMY	0.3950, 0.3440, 0.4381
CMYK	0.08, 0.00, 0.14, 0.34
HSL	93°, 12%, 61%
HSV	93°, 14%, 66%
XYZ	32.2307, 36.6320, 31.4693
YIQ	160.3770, -0.0440, -10.2200

Conversions

Conversions Part 2

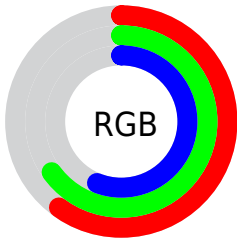
Format	Color
RYB	143, 167, 156
Decimal	10135439
CIELab	67.00, -9.09, 10.87
CIELCh	67, 14.170, 129.900
Yxy	36.6320, 0.3212, 0.3651
Android (android.graphics.Color)	4288325519 (0xFF9AA78F)
YUV	160.3770, -8.5669, -5.5926
Hunter-Lab	60.5244, -10.8621, 11.5396

Details

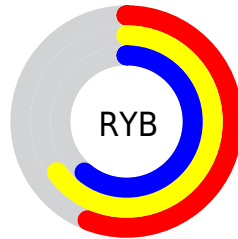
The CIELCh color **67, 14.170, 129.900** is a light color, and the websafe version is hex **999999**. A complement of this color would be **61, 14.423, 311.125**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 14.054, 130.662**, and **47, 13.918, 129.841** is the 20% darker color. If you saturate the color by 10%, you get **66, 24.049, 129.434**, and if you desaturate by 10%, it is **68, 4.283, 130.359**.

Distribution



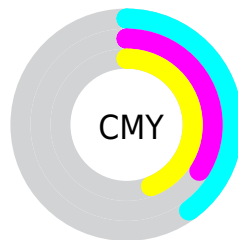
- Red (60%)
- Green (65%)
- Blue (56%)



- Red (56%)
- Yellow (65%)
- Blue (61%)



- Cyan (8%)
- Magenta (0%)
- Yellow (14%)
- Black (34%)



- Cyan (40%)
- Magenta (34%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 14.170, 129.900 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 67, 14.170, 129.900 by changing the saturation by 10% instead.

■ 67, 14.170,
129.900

■ 67, 14.170,
129.900

■ 100, 14.170,
129.900

■ 57, 14.170,
129.900

■ 87, 14.170,
129.900

■ 47, 14.170,
129.900

■ 97, 14.170,
129.900

■ 37, 14.170,
129.900

■ 27, 14.170,
129.900

■ 17, 14.170,
129.900

■ 7, 14.170, 129.900

■ 0, 14.170, 129.900

67, 14.170,
129.900

67, 14.170,
129.900

66, 24.049,
129.434

68, 4.283, 130.359

65, 33.824,
128.955

69, 5.554, 310.714

64, 43.370,
128.490

71, 15.293,
311.094

63, 52.502,
128.080

72, 24.901,
311.426

63, 60.960,
127.795

73, 34.357,
311.722

62, 68.395,
127.732

75, 43.646,
311.984

62, 74.395,
128.015

76, 50.103,
313.221

61, 78.618,

77, 51.006,
316.533

128.749

■ 78, 52.059,
319.774

■ 61, 80.519,
129.237

Harmonies

Complementary

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



67, 14.170, 129.900



61, 14.423, 311.125

Rectangle

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



67, 14.170, 129.900



67, 14.170, 179.900



67, 14.170, 309.900



67, 14.170, 359.900

Sweetspot

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



67, 14.172, 129.902



86, 4.858, 130.373



65, 8.380, 77.136



46, 3.482, 130.337



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



67, 14.172, 129.902



84, 20.731, 129.766



66, 15.885, 144.484



35, 5.609, 130.132



54, 73.429, 129.073



5, 10.402, 132.669

Inverse Universe

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



61, 14.423, 311.125



76, 21.172, 311.263



62, 15.904, 326.113



33, 5.677, 310.894



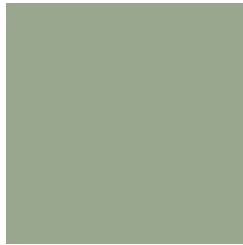
23, 82.250, 313.085



1, 10.080, 307.920

Previews

White Background



This preview shows how the CIELCh color 67, 14.170, 129.900 looks on a white background.

Color Contrast Check

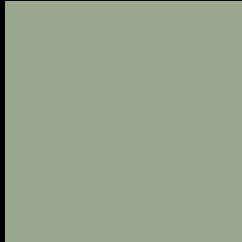
Large Text (above 18pt) WCAG AA × Fail

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 67, 14.170, 129.900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

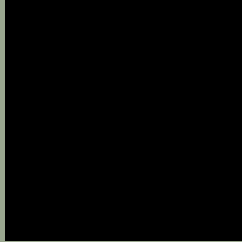
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

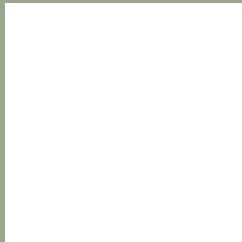
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 14.170, 129.900

Background



This preview shows how black text looks on a background with the CIELCh color 67, 14.170, 129.900.

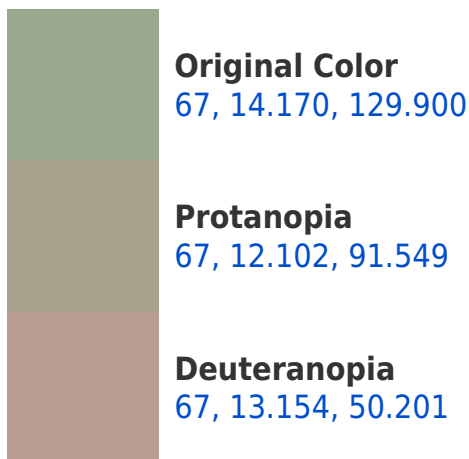


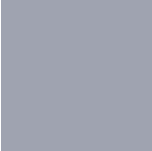
This preview shows how white text looks on a background with the CIELCh color 67, 14.170, 129.900.

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
67, 7.304, 279.392

Trichromacy



Original Color
67, 14.170, 129.900

Protanomaly
67, 12.088, 107.017

Deuteranomaly
67, 10.715, 80.081

Tritanomaly
67, 3.061, 188.895

Monochromacy



Original Color
67, 14.170, 129.900

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 4.684, 128.881

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 14.170, 129.900 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(154, 167, 143)` looks like.

```
.text, #text, p{  
    color:rgb(154, 167, 143)  
}
```

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(154, 167, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 167, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 14.170, 129.900 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(154, 167, 143) }
```

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

```
.border{ border-color:rgb(154, 167, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 167, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 167, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 167, 143);  
box-shadow:4px 4px 4px 4px rgb(154, 167,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 14.170, 129.900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 167, 143) }
```

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

```
.background{ background-color: rgb(154,  
167, 143) }
```

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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