

Converting Colors

CIELCh(67, 15.079, 119.301)

Have a look what the booklet for
CIELCh(67, 15.079, 119.301)
contains.

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Color

CIELCh(67, 15.082, 119.281)

Conversions

Conversions Part 1

Format	Color
Hex	9FA68B
RGB	159, 166, 139
RGB Percent	62%, 65%, 55%
CMY	0.3755, 0.3480, 0.4539
CMYK	0.04, 0.00, 0.16, 0.35
HSL	76°, 13%, 60%
HSV	76°, 16%, 65%
XYZ	32.7080, 36.6320, 29.8664
YIQ	160.8290, 4.4950, -9.8810

Conversions

Conversions Part 2

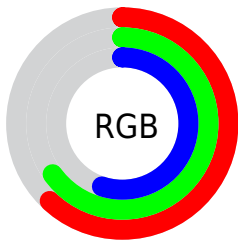
Format	Color
RYB	139, 166, 146
Decimal	10462859
CIELab	67.00, -7.38, 13.15
CIELCh	67, 15.082, 119.281
Yxy	36.6320, 0.3297, 0.3692
Android (android.graphics.Color)	4288652939 (0xFF9FA68B)
YUV	160.8290, -10.7617, -1.6040
Hunter-Lab	60.5244, -9.4543, 13.1097

Details

The CIELCh color **67, 15.082, 119.281** is a light color, and the websafe version is hex **999966**. A complement of this color would be **59, 15.576, 301.331**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 14.818, 119.122**, and **47, 14.977, 119.807** is the 20% darker color. If you saturate the color by 10%, you get **66, 24.285, 118.667**, and if you desaturate by 10%, it is **68, 5.803, 119.898**.

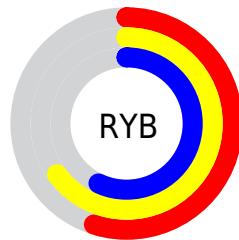
Distribution



Red (62%)

Green (65%)

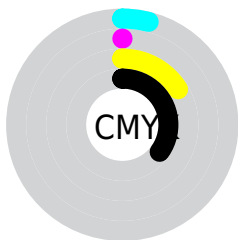
Blue (55%)



Red (55%)

Yellow (65%)

Blue (57%)

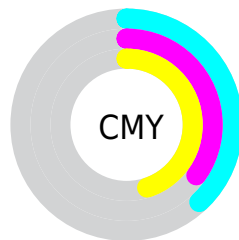


Cyan (4%)

Magenta (0%)

Yellow (16%)

Black (35%)



Cyan (38%)


Magenta (35%)


Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 15.082, 119.281 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, 15.082, 119.281 by changing the saturation by 10% instead.


 67, 15.082,
119.281


 67, 15.082,
119.281


 100, 15.082,
119.281


 57, 15.082,
119.281


 87, 15.082,
119.281


 47, 15.082,
119.281

 97, 15.082,
119.281

 37, 15.082,
119.281

 27, 15.082,
119.281

 17, 15.082,
119.281

 7, 15.082, 119.281

 0, 15.082, 119.281

67, 15.082,
119.281

67, 15.082,
119.281

66, 24.285,
118.667

68, 5.803, 119.898

66, 33.324,
118.062

69, 3.500, 300.474

65, 42.072,
117.498

69, 12.782,
301.042

65, 50.344,
117.019

70, 22.016,
301.574

64, 57.869,
116.689

71, 31.179,
302.071

64, 64.280,
116.594

72, 40.255,
302.533

63, 69.168,
116.834

73, 48.903,
303.005

63, 72.296,

74, 49.090,
304.589

117.477

■ 74, 49.311,
306.177

■ 63, 73.283,
117.750

Harmonies

Complementary

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



67, 15.082, 119.281



59, 15.576, 301.331

Rectangle

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



67, 15.082, 119.281



67, 15.082, 169.281



67, 15.082, 299.281



67, 15.082, 349.281

Sweetspot

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



67, 15.084, 119.285



86, 5.762, 119.968



62, 9.005, 44.727



46, 3.963, 119.927



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, 15.084, 119.285



85, 21.873, 119.093



66, 16.918, 136.567



35, 5.311, 119.712



57, 67.204, 117.623



6, 9.828, 122.922

Inverse Universe

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



59, 15.576, 301.331



74, 22.730, 301.563



61, 17.088, 317.972



33, 5.413, 300.843



18, 86.913, 307.982



1, 9.690, 298.883

Previews

White Background



This preview shows how the CIELCh color 67, 15.082, 119.281 looks on a white background.

Color Contrast Check

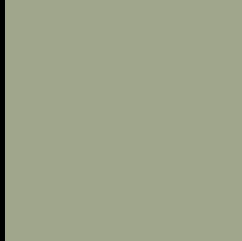
Large Text (above 18pt) WCAG AA × Fail

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 67, 15.082, 119.281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

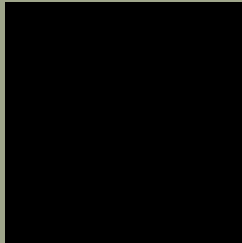
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 15.082, 119.281

Background



This preview shows how black text looks on a background with the CIELCh color 67, 15.082, 119.281.



This preview shows how white text looks on a background with the CIELCh color 67, 15.082, 119.281.

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

67, 15.082, 119.281

Protanopia

67, 14.737, 94.323

Deuteranopia

67, 14.828, 56.390



Tritanopia
67, 7.297, 299.661

Trichromacy



Original Color
67, 15.082, 119.281

Protanomaly
67, 14.316, 103.833

Deuteranomaly
67, 12.800, 78.585

Tritanomaly
67, 1.164, 129.104

Monochromacy



Original Color
67, 15.082, 119.281

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 5.640, 121.469

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 15.082, 119.281 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(159, 166, 139)` looks like.

```
.text, #text, p{  
    color:rgb(159, 166, 139)  
}
```

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(159, 166, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 166, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 15.082, 119.281 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(159, 166, 139) }
```

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

```
.border{ border-color:rgb(159, 166, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 166, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 166, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 166, 139);  
box-shadow:4px 4px 4px 4px rgb(159, 166,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 15.082, 119.281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 166, 139) }
```

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

```
.background{ background-color: rgb(159,  
166, 139) }
```

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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