

Converting Colors

CIELCh(70, 16.571, 119.128)

Have a look what the booklet for
CIELCh(70, 16.571, 119.128)
contains.

CIELCh(70, 16.609, 119.517)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(70, 16.609, 119.517)

Conversions

Conversions Part 1

Format	Color
Hex	A7AF91
RGB	167, 175, 145
RGB Percent	65%, 69%, 57%
CMY	0.3464, 0.3150, 0.4326
CMYK	0.05, 0.00, 0.17, 0.31
HSL	76°, 16%, 63%
HSV	76°, 17%, 69%
XYZ	36.2223, 40.7494, 32.6181
YIQ	169.1880, 4.8620, -11.0260

Conversions

Conversions Part 2

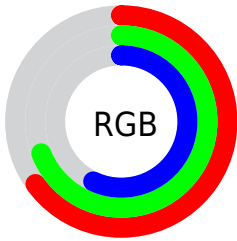
Format	Color
RYB	145, 175, 153
Decimal	10989457
CIELab	70.00, -8.18, 14.45
CIElCh	70, 16.609, 119.517
Yxy	40.7494, 0.3305, 0.3718
Android (android.graphics.Color)	4289179537 (0xFFA7AF91)
YUV	169.1880, -11.9247, -1.9189
Hunter-Lab	63.8353, -10.4246, 14.3891

Details

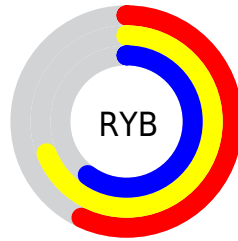
The CIELCh color **70, 16.609, 119.517** is a light color, and the websafe version is hex **999966**. A complement of this color would be **62, 17.182, 301.672**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 16.866, 120.276**, and **50, 17.117, 119.535** is the 20% darker color. If you saturate the color by 10%, you get **69, 26.190, 118.908**, and if you desaturate by 10%, it is **71, 6.942, 120.129**.

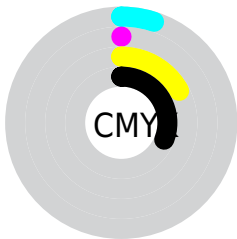
Distribution



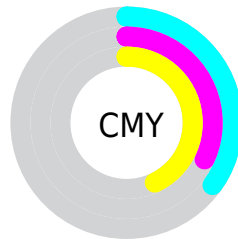
- Red (65%)
- Green (69%)
- Blue (57%)



- Red (57%)
- Yellow (69%)
- Blue (60%)



- Cyan (5%)
- Magenta (0%)
- Yellow (17%)
- Black (31%)





- Cyan (35%)
- Magenta (32%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 16.609, 119.517 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, 16.609, 119.517 by changing the saturation by 10% instead.


 70, 16.609,
119.517


 70, 16.609,
119.517


 100, 16.609,
119.517


 60, 16.609,
119.517


 90, 16.609,
119.517

 50, 16.609,
119.517

 40, 16.609,
119.517

 30, 16.609,
119.517

 20, 16.609,
119.517

 10, 16.609,
119.517

 0, 16.609, 119.517

70, 16.609,
119.517

70, 16.609,
119.517

69, 26.190,
118.908

71, 6.942, 120.129

69, 35.589,
118.310

72, 2.752, 300.699

68, 44.668,
117.758

72, 12.428,
301.268

68, 53.225,
117.298

73, 22.053,
301.796

67, 60.962,
116.998

74, 31.605,
302.290

67, 67.488,
116.947

75, 41.065,
302.750

66, 72.378,
117.250

76, 44.177,
304.209

66, 75.445,

76, 44.439,
306.140

117.960

■ 77, 44.747,
308.068

■ 66, 76.191,
118.179

Harmonies

Complementary

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



70, 16.609, 119.517



62, 17.182, 301.672

Rectangle

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



70, 16.609, 119.517



70, 16.609, 169.517



70, 16.609, 299.517



70, 16.609, 349.517

Sweetspot

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



70, 16.611, 119.521



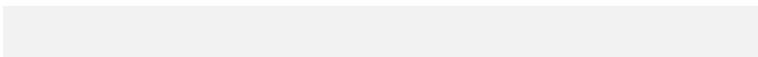
90, 5.987, 120.255



65, 9.886, 46.594



48, 4.118, 120.213



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, 16.611, 119.521



88, 25.106, 119.263



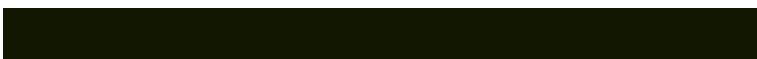
69, 18.714, 137.016



36, 5.449, 120.000



57, 68.198, 118.019



7, 11.709, 123.755

Inverse Universe

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



62, 17.182, 301.672



76, 26.196, 301.988



63, 18.897, 318.531



34, 5.554, 301.121



19, 87.917, 308.057



1, 11.496, 298.669

Previews

White Background



This preview shows how the CIELCh color 70, 16.609, 119.517 looks on a white background.

Color Contrast Check

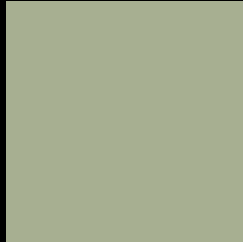
Large Text (above 18pt) WCAG AA × Fail

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, 16.609, 119.517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

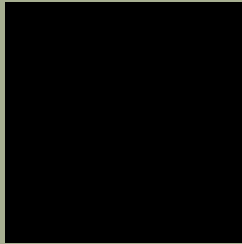
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

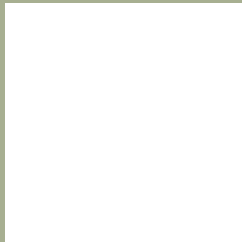
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 16.609, 119.517

Background



This preview shows how black text looks on a background with the CIELCh color 70, 16.609, 119.517.



This preview shows how white text looks on a background with the CIELCh color 70, 16.609, 119.517.

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, 16.609, 119.517

Protanopia

70, 15.663, 95.246

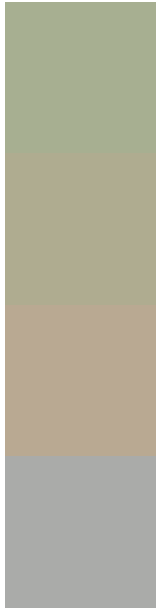
Deuteranopia

70, 16.041, 57.663



Tritanopia
70, 7.775, 299.059

Trichromacy



Original Color
70, 16.609, 119.517

Protanomaly
70, 15.273, 104.124

Deuteranomaly
70, 14.116, 81.764

Tritanomaly
70, 1.153, 129.110

Monochromacy



Original Color
70, 16.609, 119.517

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 6.126, 120.403

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 16.609, 119.517 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(167, 175, 145)` looks like.

```
.text, #text, p{  
    color:rgb(167, 175, 145)  
}
```

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(167, 175, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 175, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 16.609, 119.517 is called "border". The border property can be set on classes, ids or directly on the HTML element.

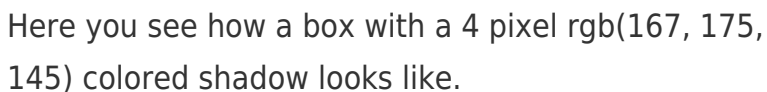
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 175, 145) }
```

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

```
.border{ border-color:rgb(167, 175, 145) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 175, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 175, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 175, 145); box-shadow:4px 4px 4px 4px rgb(167, 175, 145) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 16.609, 119.517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 175, 145) }
```

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

```
.background{ background-color: rgb(167,  
175, 145) }
```

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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