

Converting Colors

CIELCh(69, 10.038, 130.159)

Have a look what the booklet for
CIELCh(69, 10.038, 130.159)
contains.

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Color

CIELCh(69, 9.954, 129.676)

Conversions

Conversions Part 1

Format	Color
Hex	A2AB9A
RGB	162, 171, 154
RGB Percent	64%, 67%, 60%
CMY	0.3632, 0.3278, 0.3945
CMYK	0.05, 0.00, 0.10, 0.33
HSL	92°, 9%, 64%
HSV	92°, 10%, 67%
XYZ	35.4833, 39.3444, 36.4659
YIQ	166.3710, 0.0930, -7.1950

Conversions

Conversions Part 2

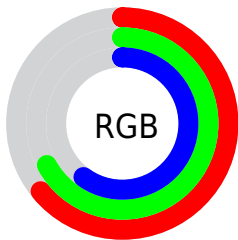
Format	Color
RYB	154, 171, 163
Decimal	10660762
CIELab	69.00, -6.36, 7.66
CIELCh	69, 9.954, 129.676
Yxy	39.3444, 0.3188, 0.3535
Android (android.graphics.Color)	4288850842 (0xFFA2AB9A)
YUV	166.3710, -6.0989, -3.8334
Hunter-Lab	62.7251, -8.7924, 9.4387

Details

The CIELCh color **69, 9.954, 129.676** is a light color, and the websafe version is hex **999999**. A complement of this color would be **65, 10.088, 310.507**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 9.931, 128.730**, and **49, 10.097, 130.677** is the 20% darker color. If you saturate the color by 10%, you get **68, 20.013, 129.217**, and if you desaturate by 10%, it is **70, 0.084, 308.742**.

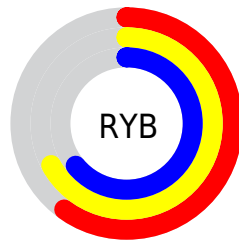
Distribution



Red (64%)

Green (67%)

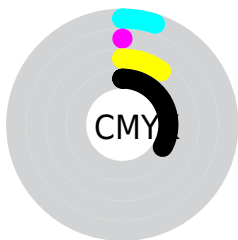
Blue (60%)



Red (60%)

Yellow (67%)

Blue (64%)

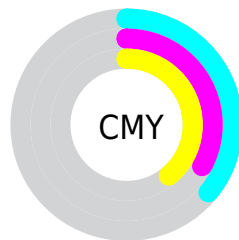


Cyan (5%)

Magenta (0%)

Yellow (10%)

Black (33%)



Cyan (36%)

Magenta (33%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 9.954, 129.676 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 69, 9.954, 129.676 by changing the saturation by 10% instead.

69, 9.954, 129.676

69, 9.954, 129.676

100, 9.954,
129.676

59, 9.954, 129.676

89, 9.954, 129.676

49, 9.954, 129.676

99, 9.954, 129.676

39, 9.954, 129.676

29, 9.954, 129.676

19, 9.954, 129.676

9, 9.954, 129.676

0, 9.954, 129.676

69, 9.954, 129.676

69, 9.954, 129.676

68, 20.013,

70, 0.084, 308.742

129.217

71, 10.052,
310.475

67, 30.007,
128.740

73, 19.907,
310.835

66, 39.829,
128.265

74, 29.622,
311.155

65, 49.318,
127.827

75, 39.178,
311.440

65, 58.247,
127.482

77, 47.454,
312.123

64, 66.297,
127.317

78, 48.345,
315.631

63, 73.066,
127.446

79, 49.397,
319.057

63, 78.149,
127.990

79, 50.603,
322.382

63, 81.664,
128.890

Harmonies

Complementary

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



69, 9.954, 129.676



65, 10.088, 310.507

Rectangle

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



69, 9.954, 129.676



69, 9.954, 179.676



69, 9.954, 309.676



69, 9.954, 359.676

Sweetspot

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



69, 9.956, 129.679



88, 3.699, 130.002



68, 5.787, 75.943



47, 2.829, 129.961



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



69, 9.956, 129.679



87, 14.857, 129.575



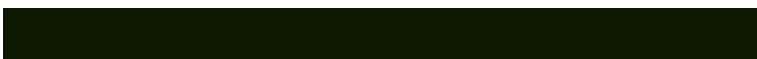
68, 11.303, 144.328



36, 5.732, 129.707



55, 74.090, 128.724



6, 12.379, 133.005

Inverse Universe

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



65, 10.088, 310.507



81, 15.092, 310.613



66, 11.320, 325.405



34, 5.805, 310.479



23, 83.512, 312.770



1, 11.891, 306.818

Previews

White Background



This preview shows how the CIELCh color 69, 9.954, 129.676 looks on a white background.

Color Contrast Check

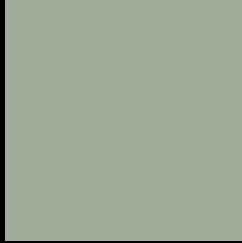
Large Text (above 18pt) WCAG AA × Fail

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 69, 9.954, 129.676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

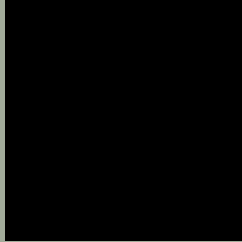
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

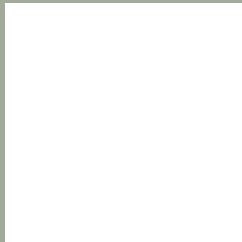
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 9.954, 129.676

Background



This preview shows how black text looks on a background with the CIELCh color 69, 9.954, 129.676.



This preview shows how white text looks on a background with the CIELCh color 69, 9.954, 129.676.

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

69, 9.954, 129.676

Protanopia

69, 9.163, 91.759

Deuteranopia

69, 11.193, 37.236



Tritanopia
69, 7.167, 285.068

Trichromacy



Original Color
69, 9.954, 129.676

Protanomaly
69, 8.751, 106.717

Deuteranomaly
69, 7.761, 64.443

Tritanomaly
69, 1.842, 236.217

Monochromacy



Original Color
69, 9.954, 129.676

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 4.138, 131.385

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 9.954, 129.676 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(162, 171, 154)` looks like.

```
.text, #text, p{  
    color:rgb(162, 171, 154)  
}
```

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(162, 171, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 171, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 9.954, 129.676 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(162, 171, 154) }
```

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

```
.border{ border-color:rgb(162, 171, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 171, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 171, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 171, 154);  
box-shadow:4px 4px 4px 4px rgb(162, 171,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 9.954, 129.676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 171, 154) }
```

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

```
.background{ background-color: rgb(162,  
171, 154) }
```

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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