

Converting Colors

CIELCh(69, 10.580, 119.746)

Have a look what the booklet for
CIELCh(69, 10.580, 119.746)
contains.

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Color

CIELCh(69, 10.568, 119.749)

Conversions

Conversions Part 1

Format	Color
Hex	A6AB98
RGB	166, 171, 152
RGB Percent	65%, 67%, 60%
CMY	0.3502, 0.3306, 0.4051
CMYK	0.03, 0.00, 0.11, 0.33
HSL	76°, 10%, 63%
HSV	76°, 11%, 67%
XYZ	35.8128, 39.3444, 35.2864
YIQ	167.3390, 3.1190, -6.9690

Conversions

Conversions Part 2

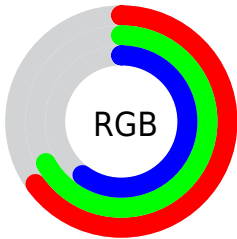
Format	Color
RYB	152, 171, 157
Decimal	10922904
CIELab	69.00, -5.24, 9.18
CIELCh	69, 10.568, 119.749
Yxy	39.3444, 0.3243, 0.3562
Android (android.graphics.Color)	4289112984 (0xFFA6AB98)
YUV	167.3390, -7.5621, -1.1743
Hunter-Lab	62.7251, -7.8545, 10.5536

Details

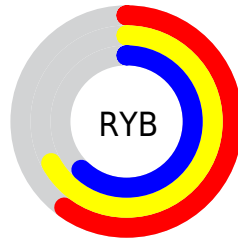
The CIELCh color **69, 10.568, 119.749** is a light color, and the websafe version is hex **999999**. A complement of this color would be **64, 10.808, 301.115**, and the grayscale version is **69, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 10.542, 119.364**, and **49, 10.714, 120.109** is the 20% darker color. If you saturate the color by 10%, you get **68, 20.028, 119.141**, and if you desaturate by 10%, it is **70, 1.064, 120.378**.

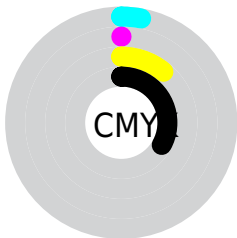
Distribution



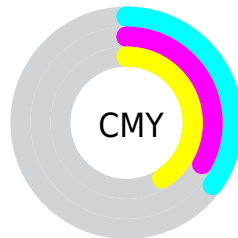
- Red (65%)
- Green (67%)
- Blue (60%)



- Red (60%)
- Yellow (67%)
- Blue (62%)



- Cyan (3%)
- Magenta (0%)
- Yellow (11%)
- Black (33%)





- Cyan (35%)
- Magenta (33%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 10.568, 119.749 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, 10.568, 119.749 by changing the saturation by 10% instead.

 69, 10.568,
119.749


 69, 10.568,
119.749


 100, 10.568,
119.749


 59, 10.568,
119.749


 89, 10.568,
119.749

 49, 10.568,
119.749

 99, 10.568,
119.749

 39, 10.568,
119.749

 29, 10.568,
119.749

 19, 10.568,
119.749

 9, 10.568, 119.749

 0, 10.568, 119.749

69, 10.568,
119.749

69, 10.568,
119.749

68, 20.028,
119.141

70, 1.064, 120.378

68, 29.367,
118.528

71, 8.439, 300.919

67, 38.481,
117.942

72, 17.905,
301.464

66, 47.214,
117.416

72, 27.307,
301.975

66, 55.334,
117.006

73, 36.627,
302.451

66, 62.512,
116.786

74, 45.851,
302.892

65, 68.340,
116.853

75, 46.516,
304.581

65, 72.429,

75, 46.762,
306.341

117.306

■ 76, 47.049,
308.101

■ 65, 74.820,
117.979

Harmonies

Complementary

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



69, 10.568, 119.749



64, 10.808, 301.115

Rectangle

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



69, 10.568, 119.749



69, 10.568, 169.749



69, 10.568, 299.749



69, 10.568, 349.749

Sweetspot

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



69, 10.570, 119.754



88, 3.521, 120.246



66, 6.177, 44.883



47, 2.692, 120.197



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, 10.570, 119.754



87, 15.279, 119.626



68, 11.817, 136.819



35, 5.314, 119.867



56, 67.278, 117.824



6, 9.835, 123.089

Inverse Universe

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



64, 10.808, 301.115



79, 15.684, 301.261



64, 11.905, 317.748



33, 5.415, 300.990



18, 86.858, 308.029



1, 9.694, 299.015

Previews

White Background



This preview shows how the CIELCh color 69, 10.568, 119.749 looks on a white background.

Color Contrast Check

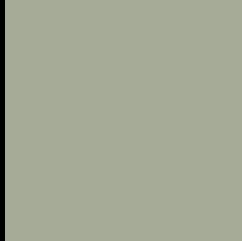
Large Text (above 18pt) WCAG AA × Fail

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, 10.568, 119.749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

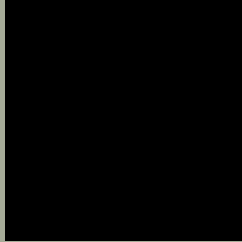
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

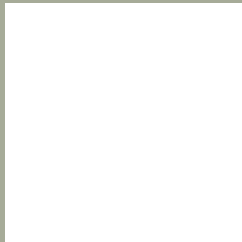
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 10.568, 119.749

Background



This preview shows how black text looks on a background with the CIELCh color 69, 10.568, 119.749.



This preview shows how white text looks on a background with the CIELCh color 69, 10.568, 119.749.

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, 10.568, 119.749

Protanopia

69, 10.214, 93.431

Deuteranopia

69, 12.232, 43.875



Tritanopia
69, 7.249, 299.645

Trichromacy



Original Color
69, 10.568, 119.749

Protanomaly
69, 9.899, 102.317

Deuteranomaly
69, 9.128, 65.601

Tritanomaly
69, 1.106, 290.340

Monochromacy



Original Color
69, 10.568, 119.749

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 3.854, 115.474

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 10.568, 119.749 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(166, 171, 152)` looks like.

```
.text, #text, p{  
    color:rgb(166, 171, 152)  
}
```

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(166, 171, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 171, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 10.568, 119.749 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(166, 171, 152) }
```

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

```
.border{ border-color:rgb(166, 171, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 171, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 171, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 171, 152);  
box-shadow:4px 4px 4px 4px rgb(166, 171,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 10.568, 119.749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 171, 152) }
```

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

```
.background{ background-color: rgb(166,  
171, 152) }
```

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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