

Converting Colors

CIELCh(69, 5.164, 199.190)

Have a look what the booklet for
CIELCh(69, 5.164, 199.190) contains.

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Color

CIELCh(69, 5.167, 199.059)

Conversions

Conversions Part 1

Format	Color
Hex	9DABAB
RGB	157, 171, 171
RGB Percent	62%, 67%, 67%
CMY	0.3835, 0.3286, 0.3286
CMYK	0.08, 0.00, 0.00, 0.33
HSL	180°, 8%, 64%
HSV	180°, 8%, 67%
XYZ	35.9201, 39.3444, 44.3361
YIQ	166.8140, -8.3440, -2.9680

Conversions

Conversions Part 2

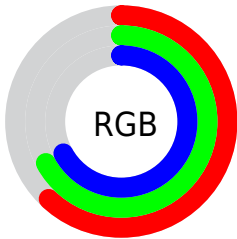
Format	Color
R _{YB}	157, 164, 171
Decimal	10333099
CIE Lab	69.00, -4.88, -1.69
CIE LCh	69, 5.167, 199.059
Yxy	39.3444, 0.3003, 0.3290
Android (android.graphics.Color)	4288523179 (0xFF9DABAB)
YUV	166.8140, 2.0637, -8.6069
Hunter-Lab	62.7251, -7.5494, 1.9995

Details

The CIELCh color **69, 5.167, 199.059** is a light color, and the websafe version is hex **999999**. A complement of this color would be **66, 5.436, 19.805**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 4.926, 199.186**, and **49, 5.094, 198.914** is the 20% darker color. If you saturate the color by 10%, you get **68, 11.177, 198.485**, and if you desaturate by 10%, it is **70, 1.176, 19.072**.

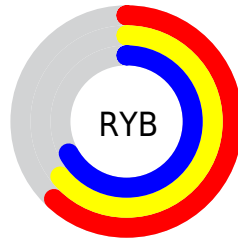
Distribution



Red (62%)

Green (67%)

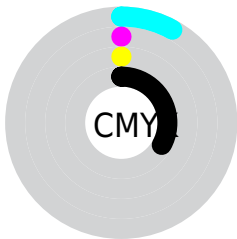
Blue (67%)



Red (62%)

Yellow (64%)

Blue (67%)

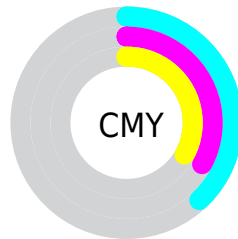


Cyan (8%)

Magenta (0%)

Yellow (0%)

Black (33%)



Cyan (38%)

Magenta (33%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 5.167, 199.059 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, 5.167, 199.059 by changing the saturation by 10% instead.

■ 69, 5.167, 199.059

■ 69, 5.167, 199.059

■ 100, 5.167,
199.059

■ 59, 5.167, 199.059

■ 89, 5.167, 199.059

■ 49, 5.167, 199.059

■ 99, 5.167, 199.059

■ 39, 5.167, 199.059

■ 29, 5.167, 199.059

■ 19, 5.167, 199.059

■ 9, 5.167, 199.059

■ 0, 5.167, 199.059

■ 69, 5.167, 199.059

■ 69, 5.167, 199.059

■ 68, 11.177,

■ 70, 1.176, 19.072

198.485

72, 7.767, 19.998

67, 16.753,
198.008

73, 14.528, 20.621

66, 21.795,
197.589

75, 21.394, 21.239

65, 26.206,
197.230

77, 28.313, 21.860

65, 29.905,
196.933

78, 33.245, 22.299

64, 32.833,
196.701

78, 33.244, 22.296

64, 34.969,
196.533

78, 33.244, 22.293

64, 36.340,
196.424

63, 37.074,
196.365

Harmonies

Complementary

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



69, 5.167, 199.059



66, 5.436, 19.805

Rectangle

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



69, 5.167, 199.059



69, 5.167, 249.059



69, 5.167, 19.059



69, 5.167, 69.059

Sweetspot

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



69, 5.168, 199.043



88, 1.581, 199.655



69, 9.352, 143.565



47, 0.906, 199.682



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, 5.168, 199.043



87, 7.761, 198.920



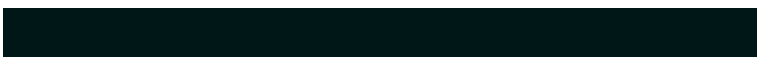
67, 4.552, 254.685



36, 3.603, 198.972



56, 33.812, 196.356



6, 7.801, 199.397

Inverse Universe

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



66, 5.436, 19.805



82, 8.268, 19.961



68, 4.644, 72.559



34, 3.818, 19.893



31, 69.975, 39.439



2, 7.802, 19.391

Previews

White Background



This preview shows how the CIELCh color 69, 5.167, 199.059 looks on a white background.

Color Contrast Check

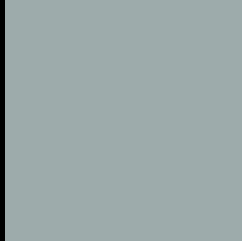
Large Text (above 18pt) WCAG AA × Fail

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 69, 5.167, 199.059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

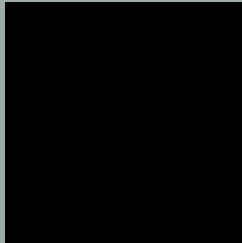
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

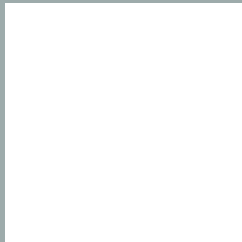
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 5.167, 199.059

Background



This preview shows how black text looks on a background with the CIELCh color 69, 5.167, 199.059.

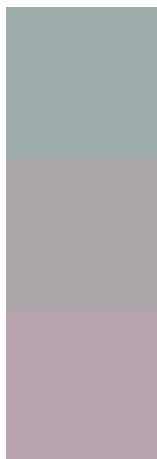


This preview shows how white text looks on a background with the CIELCh color 69, 5.167, 199.059.

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, 5.167, 199.059

Protanopia

69, 1.883, 343.646

Deuteranopia

69, 9.078, 343.065



Tritanopia
69, 8.413, 265.692

Trichromacy



Original Color
69, 5.167, 199.059

Protanomaly
69, 1.245, 225.898

Deuteranomaly
69, 4.247, 328.785

Tritanomaly
69, 6.508, 248.772

Monochromacy



Original Color
69, 5.167, 199.059

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 2.243, 199.429

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 5.167, 199.059 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(157, 171, 171)` looks like.

```
.text, #text, p{  
    color:rgb(157, 171, 171)  
}
```

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(157, 171, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 171, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 5.167, 199.059 is called "border". The border property can be set on classes, ids or directly on the HTML element.

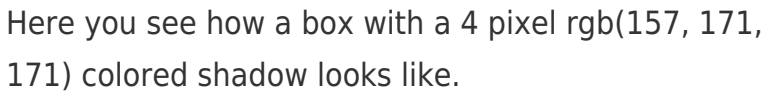
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 171, 171) }
```

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

```
.border{ border-color:rgb(157, 171, 171) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 171, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 171, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 171, 171);  
box-shadow:4px 4px 4px 4px rgb(157, 171,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 5.167, 199.059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 171, 171) }
```

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

```
.background{ background-color: rgb(157,  
171, 171) }
```

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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