

Converting Colors

CIELCh(69, 5.509, 198.223)

Have a look what the booklet for
CIELCh(69, 5.509, 198.223) contains.

CIELCh(69, 5.528, 199.022)	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(69, 5.528, 199.022)

Conversions

Conversions Part 1

Format	Color
Hex	9CABAB
RGB	156, 171, 171
RGB Percent	61%, 67%, 67%
CMY	0.3867, 0.3278, 0.3278
CMYK	0.09, 0.00, 0.00, 0.33
HSL	180°, 8%, 64%
HSV	180°, 9%, 67%
XYZ	35.8181, 39.3444, 44.4389
YIQ	166.5150, -8.9400, -3.1800

Conversions

Conversions Part 2

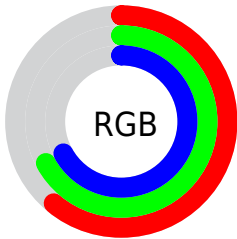
Format	Color
RYB	156, 164, 171
Decimal	10267563
CIELab	69.00, -5.23, -1.80
CIElCh	69, 5.528, 199.022
Yxy	39.3444, 0.2995, 0.3290
Android (android.graphics.Color)	4288457643 (0xFF9CABAB)
YUV	166.5150, 2.2111, -9.2217
Hunter-Lab	62.7251, -7.8395, 1.9024

Details

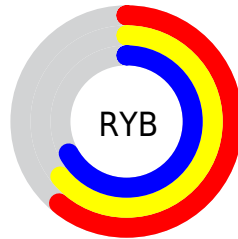
The CIELCh color $69, 5.528, 199.022$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 5.837, 19.850$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $89, 5.273, 199.154$, and $49, 5.475, 198.867$ is the 20% darker color. If you saturate the color by 10%, you get $68, 11.521, 198.456$, and if you desaturate by 10%, it is $70, 0.804, 18.847$.

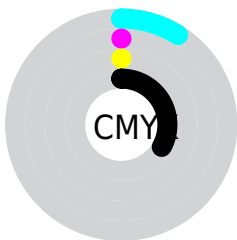
Distribution



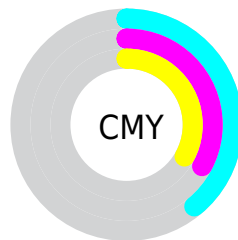
- Red (61%)
- Green (67%)
- Blue (67%)



- Red (61%)
- Yellow (64%)
- Blue (67%)



- Cyan (9%)
- Magenta (0%)
- Yellow (0%)
- Black (33%)



- Cyan (39%)
- Magenta (33%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 5.528, 199.022 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, 5.528, 199.022 by changing the saturation by 10% instead.

■ 69, 5.528, 199.022

■ 69, 5.528, 199.022

■ 100, 5.528,
199.022

■ 59, 5.528, 199.022

■ 89, 5.528, 199.022

■ 49, 5.528, 199.022

■ 99, 5.528, 199.022

■ 39, 5.528, 199.022

■ 29, 5.528, 199.022

■ 19, 5.528, 199.022

■ 9, 5.528, 199.022

■ 0, 5.528, 199.022

■ 69, 5.528, 199.022

■ 69, 5.528, 199.022

■ 68, 11.521,

■ 70, 0.804, 18.847

198.456

72, 7.389, 19.962

67, 17.074,
197.982

73, 14.148, 20.586

66, 22.087,
197.567

75, 21.016, 21.204

65, 26.463,
197.211

77, 27.940, 21.825

65, 30.121,
196.919

78, 33.158, 22.289

64, 33.006,
196.690

78, 33.158, 22.286

78, 33.158, 22.283

64, 35.099,
196.525

64, 36.428,
196.421

64, 37.141,
196.363

Harmonies

Complementary

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



69, 5.528, 199.022



66, 5.837, 19.850

Rectangle

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



69, 5.528, 199.022



69, 5.528, 249.022



69, 5.528, 19.022



69, 5.528, 69.022

Sweetspot

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



69, 5.529, 199.007



88, 2.367, 199.474



69, 10.024, 143.529



47, 1.806, 199.380



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, 5.529, 199.007



87, 8.515, 198.861



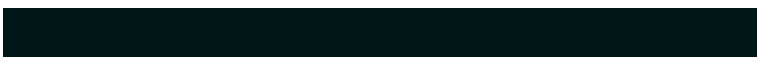
67, 4.875, 254.757



36, 3.603, 198.973



56, 33.812, 196.357



6, 7.801, 199.398

Inverse Universe

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



66, 5.837, 19.850



82, 9.130, 20.041



68, 4.982, 72.495



34, 3.818, 19.894



31, 69.975, 39.439



2, 7.802, 19.392

Previews

White Background



This preview shows how the CIELCh color 69, 5.528, 199.022 looks on a white background.

Color Contrast Check

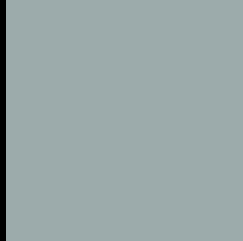
Large Text (above 18pt) WCAG AA × Fail

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, 5.528, 199.022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

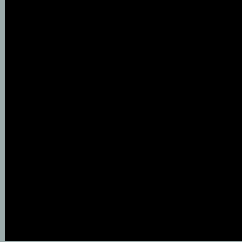
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

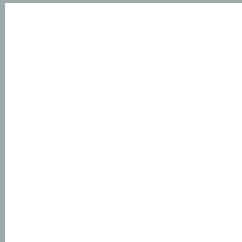
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 5.528, 199.022

Background



This preview shows how black text looks on a background with the CIELCh color 69, 5.528, 199.022.

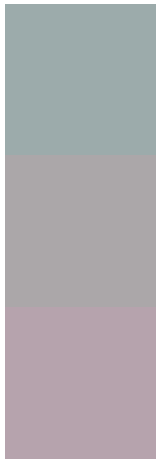


This preview shows how white text looks on a background with the CIELCh color 69, 5.528, 199.022.

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](#).

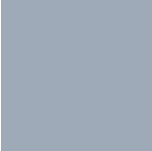
Dichromacy



Original Color
69, 5.528, 199.022

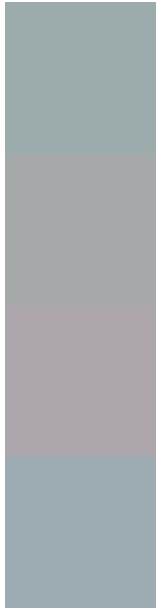
Protanopia
69, 1.883, 343.646

Deuteranopia
69, 9.078, 343.065



Tritanopia
69, 8.245, 259.438

Trichromacy



Original Color
69, 5.528, 199.022

Protanomaly
69, 1.245, 225.898

Deuteranomaly
69, 4.247, 328.785

Tritanomaly
69, 6.625, 240.764

Monochromacy



Original Color
69, 5.528, 199.022

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, 5.528, 199.022 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(156, 171, 171)` looks like.

```
.text, #text, p{  
    color:rgb(156, 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(156, 171, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 171, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 5.528, 199.022 is called "border". The border property can be set on classes, ids or directly on the HTML element.

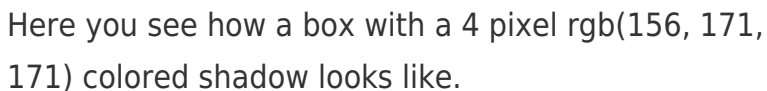
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 171, 171) }
```

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

```
.border{ border-color:rgb(156, 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(156, 171, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 171, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 171, 171);  
box-shadow:4px 4px 4px 4px rgb(156, 171,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 5.528, 199.022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 171, 171) }
```

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

```
.background{ background-color: rgb(156,  
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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