

Converting Colors

CIELCh(69, 5.363, 209.223)

Have a look what the booklet for
CIELCh(69, 5.363, 209.223) contains.

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Color

CIELCh(69, 5.235, 211.210)

Conversions

Conversions Part 1

Format	Color
Hex	9DABAD
RGB	157, 171, 173
RGB Percent	62%, 67%, 68%
CMY	0.3841, 0.3291, 0.3213
CMYK	0.09, 0.01, 0.00, 0.32
HSL	187°, 9%, 65%
HSV	187°, 9%, 68%
XYZ	36.0414, 39.3444, 45.2625
YIQ	167.0420, -8.9860, -2.3460

Conversions

Conversions Part 2

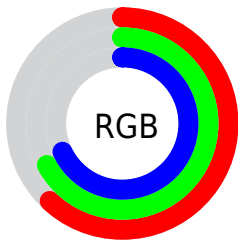
Format	Color
RYB	157, 164, 173
Decimal	10333101
CIELab	69.00, -4.48, -2.71
CIElCh	69, 5.235, 211.210
Yxy	39.3444, 0.2987, 0.3261
Android (android.graphics.Color)	4288523181 (0xFF9DABAD)
YUV	167.0420, 2.9373, -8.8068
Hunter-Lab	62.7251, -7.2042, 1.1238

Details

The CIELCh color $69, 5.235, 211.210$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 5.552, 31.211$, and the grayscale version is $69, 0.008, 296.813$.

A 20% lighter version of the original color is $89, 4.999, 211.244$, and $49, 5.167, 212.111$ is the 20% darker color. If you saturate the color by 10%, you get $67, 10.591, 211.174$, and if you desaturate by 10%, it is $71, 0.437, 30.024$.

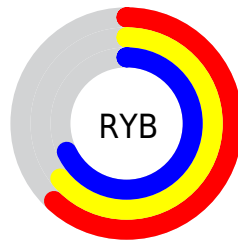
Distribution



Red (62%)

Green (67%)

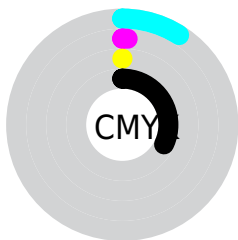
Blue (68%)



Red (62%)

Yellow (64%)

Blue (68%)

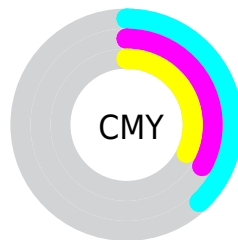


Cyan (9%)

Magenta (1%)

Yellow (0%)

Black (32%)



Cyan (38%)

Magenta (33%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 5.235, 211.210 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, 5.235, 211.210 by changing the saturation by 10% instead.

■ 69, 5.235, 211.210

■ 69, 5.235, 211.210

■ 100, 5.235,
211.210

■ 59, 5.235, 211.210

■ 89, 5.235, 211.210

■ 49, 5.235, 211.210

■ 99, 5.235, 211.210

■ 39, 5.235, 211.210

■ 29, 5.235, 211.210

■ 19, 5.235, 211.210

■ 9, 5.235, 211.210

■ 0, 5.235, 211.210

■ 69, 5.235, 211.210

■ 69, 5.235, 211.210

■ 67, 10.591,

■ 71, 0.437, 30.024

211.174

73, 6.352, 31.227

66, 15.545,
211.313

75, 12.445, 31.465

64, 20.008,
211.613

77, 18.663, 31.720

63, 23.889,
212.109

79, 24.962, 31.999

61, 27.106,
212.840

82, 28.396, 35.423

60, 29.602,
213.854

82, 27.905, 37.940

59, 31.350,
215.201

83, 27.471, 40.546

58, 32.376,
216.930

57, 32.844,
219.015

Harmonies

Complementary

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



69, 5.235, 211.210



67, 5.552, 31.211

Rectangle

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



69, 5.235, 211.210



69, 5.235, 261.210



69, 5.235, 31.210



69, 5.235, 81.210

Sweetspot

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



69, 5.236, 211.192



89, 2.131, 211.412



69, 9.896, 147.248



47, 1.610, 211.348



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, 5.236, 211.192



87, 7.655, 211.173



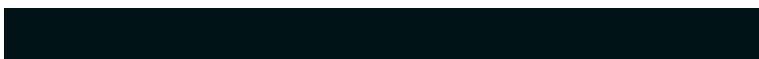
67, 5.859, 268.169



36, 3.211, 211.191



50, 29.677, 218.885



5, 6.706, 216.744

Inverse Universe

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



66, 9.861, 328.546



83, 14.510, 328.664



69, 5.891, 85.727



34, 6.048, 328.550



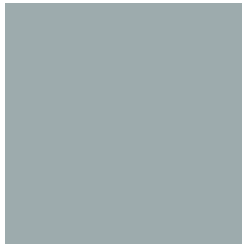
34, 70.806, 333.816



2, 12.258, 329.700

Previews

White Background



This preview shows how the CIELCh color 69, 5.235, 211.210 looks on a white background.

Color Contrast Check

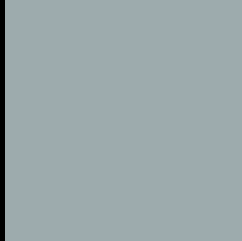
Large Text (above 18pt) WCAG AA × Fail

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, 5.235, 211.210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

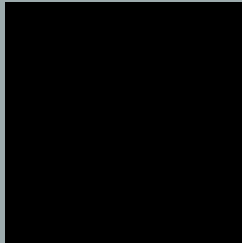
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

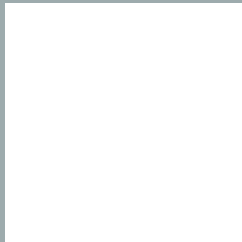
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 5.235, 211.210

Background



This preview shows how black text looks on a background with the CIELCh color 69, 5.235, 211.210.



This preview shows how white text looks on a background with the CIELCh color 69, 5.235, 211.210.

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, 5.235, 211.210

Protanopia

69, 2.489, 317.323

Deuteranopia

69, 9.492, 336.326



Tritanopia
69, 8.075, 261.609

Trichromacy



Original Color
69, 5.235, 211.210

Protanomaly
69, 2.454, 263.363

Deuteranomaly
69, 4.967, 317.451

Tritanomaly
69, 6.508, 248.772

Monochromacy



Original Color
69, 5.235, 211.210

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 1.941, 215.965

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 5.235, 211.210 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, 173)` looks like.

```
.text, #text, p{  
    color:rgb(157, 171, 173)  
}
```

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, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 171, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 5.235, 211.210 is called "border". The border property can be set on classes, ids or directly on the HTML element.

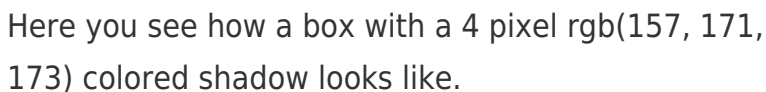
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 171, 173) }
```

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

```
.border{ border-color:rgb(157, 171, 173) }
```

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, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 171, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 171, 173); box-shadow:4px 4px 4px 4px rgb(157, 171, 173) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 5.235, 211.210 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, 173) }
```

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

```
.background{ background-color: rgb(157,  
171, 173) }
```

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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