

Converting Colors

CIELCh(69, 5.413, 201.593)

Have a look what the booklet for
CIELCh(69, 5.413, 201.593) contains.

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Color

CIELCh(69, 5.172, 205.174)

Conversions

Conversions Part 1

Format	Color
Hex	9DABAC
RGB	157, 171, 172
RGB Percent	62%, 67%, 67%
CMY	0.3838, 0.3289, 0.3249
CMYK	0.09, 0.01, 0.00, 0.32
HSL	184°, 8%, 65%
HSV	184°, 9%, 68%
XYZ	35.9806, 39.3444, 44.7977
YIQ	166.9280, -8.6650, -2.6570

Conversions

Conversions Part 2

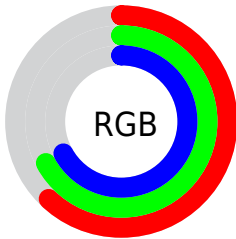
Format	Color
RYB	157, 164, 172
Decimal	10333100
CIELab	69.00, -4.68, -2.20
CIElCh	69, 5.172, 205.174
Yxy	39.3444, 0.2995, 0.3275
Android (android.graphics.Color)	4288523180 (0xFF9DABAC)
YUV	166.9280, 2.5005, -8.7069
Hunter-Lab	62.7251, -7.3771, 1.5632

Details

The CIELCh color $69, 5.172, 205.174$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 5.466, 25.576$, and the grayscale version is $69, 0.008, 296.813$.

A 20% lighter version of the original color is $89, 4.936, 205.259$, and $49, 5.098, 205.558$ is the 20% darker color. If you saturate the color by 10%, you get $68, 10.799, 204.862$, and if you desaturate by 10%, it is $71, 0.781, 24.733$.

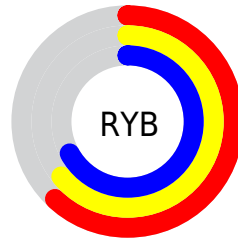
Distribution



Red (62%)

Green (67%)

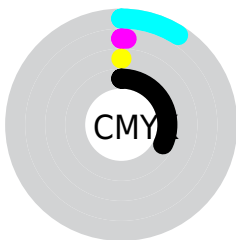
Blue (67%)



Red (62%)

Yellow (64%)

Blue (67%)

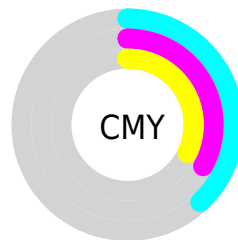


Cyan (9%)

Magenta (1%)

Yellow (0%)

Black (32%)



Cyan (38%)

Magenta (33%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 5.172, 205.174 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, 5.172, 205.174 by changing the saturation by 10% instead.

■ 69, 5.172, 205.174

■ 69, 5.172, 205.174

■ 100, 5.172,
205.174

■ 59, 5.172, 205.174

■ 89, 5.172, 205.174

■ 49, 5.172, 205.174

■ 99, 5.172, 205.174

■ 39, 5.172, 205.174

■ 29, 5.172, 205.174

■ 19, 5.172, 205.174

■ 9, 5.172, 205.174

■ 0, 5.172, 205.174

■ 69, 5.172, 205.174


■ 69, 5.172, 205.174

■ 68, 10.799,


■ 71, 0.781, 24.733

204.862

 72, 6.982, 25.658

 66, 16.006,
204.685

 74, 13.360, 26.089

 65, 20.699,
204.615


 76, 19.857, 26.526

 64, 24.783,
204.669


 78, 26.427, 26.975

 63, 28.174,
204.867


 80, 30.477, 28.770


 62, 30.812,
205.231

 80, 30.133, 29.928

 61, 32.670,
205.784

 80, 29.803, 31.114

 61, 33.767,
206.546

 60, 34.247,
207.502

Harmonies

Complementary

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



69, 5.172, 205.174



66, 5.466, 25.576

Rectangle

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



69, 5.172, 205.174



69, 5.172, 255.174



69, 5.172, 25.174



69, 5.172, 75.174

Sweetspot

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



69, 5.173, 205.157



89, 2.239, 205.499



69, 9.726, 145.323



47, 1.692, 205.419



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, 5.173, 205.157



87, 7.337, 205.103



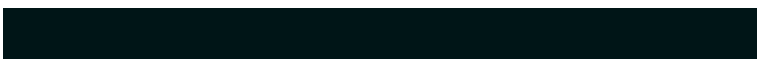
67, 5.148, 261.825



36, 3.375, 205.134



53, 31.085, 207.495



6, 7.121, 208.239

Inverse Universe

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



66, 9.634, 326.739



84, 13.728, 326.825



68, 5.215, 79.500



34, 6.298, 326.774



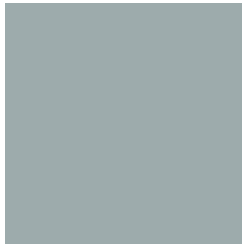
35, 74.061, 331.019



2, 12.969, 327.154

Previews

White Background



This preview shows how the CIELCh color 69, 5.172, 205.174 looks on a white background.

Color Contrast Check

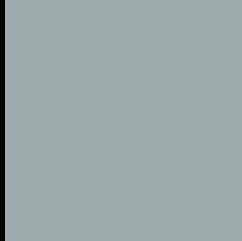
Large Text (above 18pt) WCAG AA × Fail

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, 5.172, 205.174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

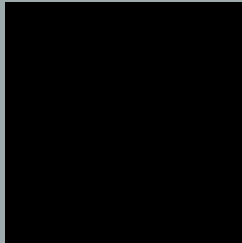
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

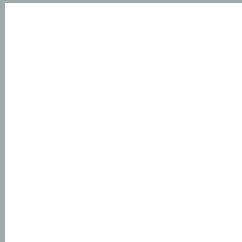
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 5.172, 205.174

Background



This preview shows how black text looks on a background with the CIELCh color 69, 5.172, 205.174.

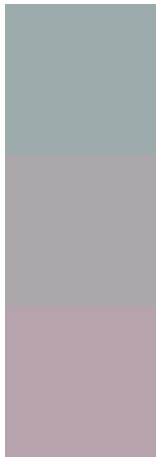


This preview shows how white text looks on a background with the CIELCh color 69, 5.172, 205.174.

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, 5.172, 205.174

Protanopia
69, 2.252, 332.360

Deuteranopia
69, 9.413, 340.394



Tritanopia
69, 8.413, 265.692

Trichromacy



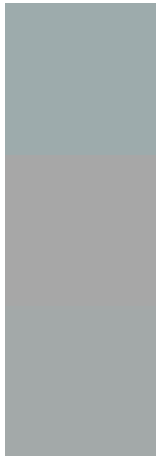
Original Color
69, 5.172, 205.174

Protanomaly
69, 1.561, 244.447

Deuteranomaly
69, 4.688, 324.611

Tritanomaly
69, 6.508, 248.772

Monochromacy



Original Color
69, 5.172, 205.174

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, 5.172, 205.174 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, 172)` looks like.

```
.text, #text, p{  
    color:rgb(157, 171, 172)  
}
```

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, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 171, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 5.172, 205.174 is called "border". The border property can be set on classes, ids or directly on the HTML element.

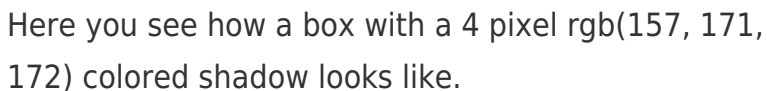
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 171, 172) }
```

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

```
.border{ border-color:rgb(157, 171, 172) }
```

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, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 171, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 171, 172); box-shadow:4px 4px 4px 4px rgb(157, 171, 172) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 5.172, 205.174 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, 172) }
```

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

```
.background{ background-color: rgb(157,  
171, 172) }
```

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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