

Converting Colors

CIELCh(69, 5.338, 184.954)

Have a look what the booklet for
CIELCh(69, 5.338, 184.954) contains.

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Color

CIELCh(69, 5.326, 187.120)

Conversions

Conversions Part 1

Format	Color
Hex	9DABA9
RGB	157, 171, 169
RGB Percent	62%, 67%, 66%
CMY	0.3829, 0.3280, 0.3358
CMYK	0.08, 0.00, 0.01, 0.33
HSL	171°, 8%, 64%
HSV	171°, 8%, 67%
XYZ	35.8006, 39.3444, 43.4209
YIQ	166.5860, -7.7020, -3.5900

Conversions

Conversions Part 2

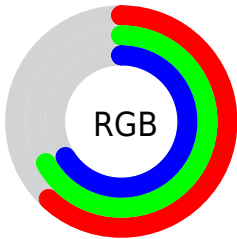
Format	Color
RYB	157, 165, 171
Decimal	10333097
CIELab	69.00, -5.28, -0.66
CIELCh	69, 5.326, 187.120
Yxy	39.3444, 0.3019, 0.3318
Android (android.graphics.Color)	4288523177 (0xFF9DABA9)
YUV	166.5860, 1.1901, -8.4069
Hunter-Lab	62.7251, -7.8893, 2.8646

Details

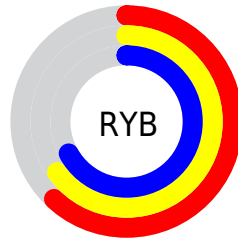
The CIELCh color **69, 5.326, 187.120** is a light color, and the websafe version is hex **999999**. A complement of this color would be **66, 5.529, 8.315**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 5.070, 187.300**, and **49, 5.285, 186.017** is the 20% darker color. If you saturate the color by 10%, you get **68, 11.633, 186.219**, and if you desaturate by 10%, it is **70, 1.210, 7.447**.

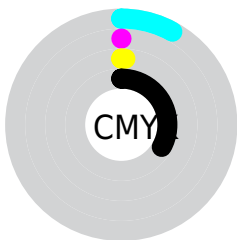
Distribution



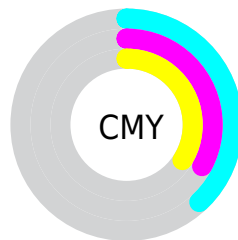
- Red (62%)
- Green (67%)
- Blue (66%)



- Red (62%)
- Yellow (65%)
- Blue (67%)



- Cyan (8%)
- Magenta (0%)
- Yellow (1%)
- Black (33%)



- Cyan (38%)
- Magenta (33%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 5.326, 187.120 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, 5.326, 187.120 by changing the saturation by 10% instead.

■ 69, 5.326, 187.120

■ 69, 5.326, 187.120

■ 100, 5.326,
187.120

■ 59, 5.326, 187.120

■ 89, 5.326, 187.120

■ 49, 5.326, 187.120

■ 99, 5.326, 187.120

■ 39, 5.326, 187.120

■ 29, 5.326, 187.120

■ 19, 5.326, 187.120

■ 9, 5.326, 187.120

■ 0, 5.326, 187.120

■ 69, 5.326, 187.120

■ 69, 5.326, 187.120

■ 68, 11.633,

■ 70, 1.210, 7.447

186.219

72, 7.893, 8.570

67, 17.611,
185.335

74, 14.653, 9.374

66, 23.155,
184.421

75, 21.432, 10.141

65, 28.158,
183.461

77, 28.189, 10.886

64, 32.522,
182.439

79, 33.011, 8.487

64, 36.169,
181.338

79, 33.180, 6.277

63, 39.056,
180.136

79, 33.403, 4.095

63, 41.188,
178.814

63, 42.686,
177.378

Harmonies

Complementary

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



69, 5.326, 187.120



66, 5.529, 8.315

Rectangle

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



69, 5.326, 187.120



69, 5.326, 237.120



69, 5.326, 7.120



69, 5.326, 57.120

Sweetspot

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



69, 5.327, 187.107



88, 1.620, 187.873



69, 8.961, 139.919



47, 0.928, 187.902



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, 5.327, 187.107



87, 8.015, 186.923



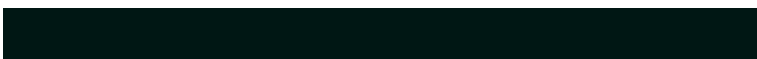
68, 4.269, 238.617



36, 3.719, 187.002



56, 38.950, 177.290



6, 8.153, 183.263

Inverse Universe

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



66, 5.529, 8.315



82, 8.395, 8.520



67, 4.431, 56.984



34, 3.880, 8.432



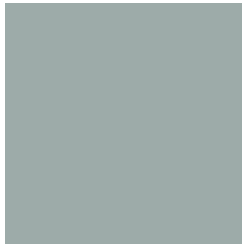
31, 64.521, 32.518



2, 7.931, 9.797

Previews

White Background



This preview shows how the CIE LCh color 69, 5.326, 187.120 looks on a white background.

Color Contrast Check

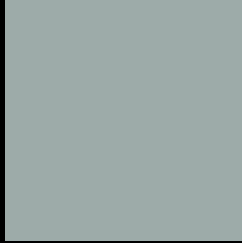
Large Text (above 18pt) WCAG AA × Fail

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, 5.326, 187.120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

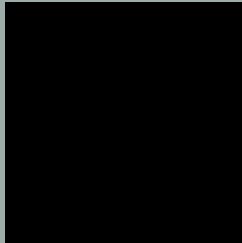
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 5.326, 187.120

Background



This preview shows how black text looks on a background with the CIELCh color 69, 5.326, 187.120.

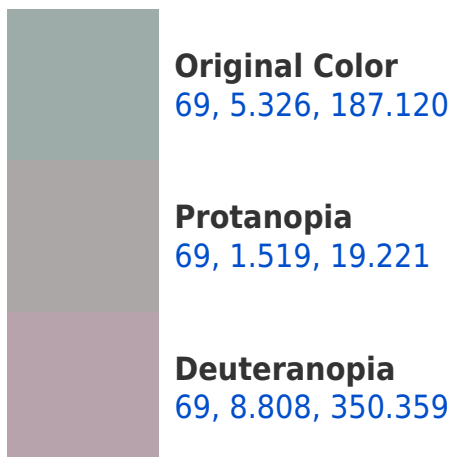


This preview shows how white text looks on a background with the CIELCh color 69, 5.326, 187.120.

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](#).

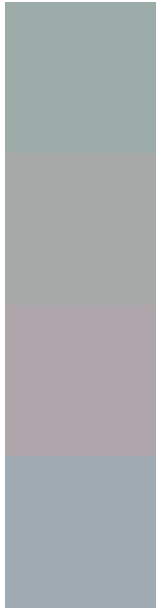
Dichromacy





Tritanopia
69, 8.276, 267.937

Trichromacy



Original Color
69, 5.326, 187.120

Protanomaly
69, 1.257, 173.861

Deuteranomaly
69, 3.761, 343.925

Tritanomaly
69, 5.878, 247.730

Monochromacy



Original Color
69, 5.326, 187.120

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 2.321, 185.725

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 5.326, 187.120 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, 169)` looks like.

```
.text, #text, p{  
    color:rgb(157, 171, 169)  
}
```

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, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 171, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 5.326, 187.120 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, 169) }
```

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

```
.border{ border-color:rgb(157, 171, 169) }
```

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, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 171, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 171, 169);  
box-shadow:4px 4px 4px 4px rgb(157, 171,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 5.326, 187.120 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, 169) }
```

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

```
.background{ background-color: rgb(157,  
171, 169) }
```

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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