

Converting Colors

CIELCh(69, 3.754, 120.316)

Have a look what the booklet for
CIELCh(69, 3.754, 120.316) contains.

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Color

CIELCh(69, 3.911, 121.038)

Conversions

Conversions Part 1

Format	Color
Hex	A7A9A2
RGB	167, 169, 162
RGB Percent	65%, 66%, 64%
CMY	0.3440, 0.3361, 0.3636
CMYK	0.01, 0.00, 0.04, 0.34
HSL	77°, 4%, 65%
HSV	77°, 4%, 66%
XYZ	36.7816, 39.3444, 39.9673
YIQ	167.6040, 1.0550, -2.6010

Conversions

Conversions Part 2

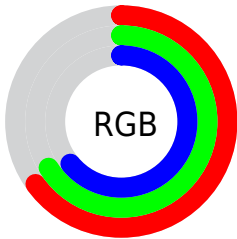
Format	Color
RYB	162, 169, 164
Decimal	10987938
CIELab	69.00, -2.02, 3.35
CIELCh	69, 3.911, 121.038
Yxy	39.3444, 0.3168, 0.3389
Android (android.graphics.Color)	4289178018 (0xFFA7A9A2)
YUV	167.6040, -2.7628, -0.5297
Hunter-Lab	62.7251, -5.0977, 6.1290

Details

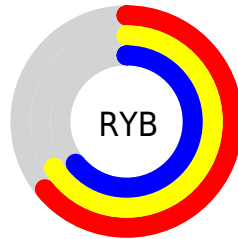
The CIELCh color $69, 3.911, 121.038$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 3.958, 301.504$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 3.708, 121.096$, and $49, 4.184, 120.941$ is the 20% darker color. If you saturate the color by 10%, you get $68, 13.378, 120.463$, and if you desaturate by 10%, it is $70, 5.559, 301.592$.

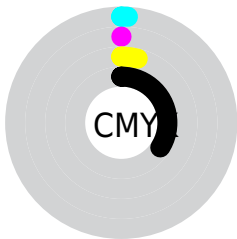
Distribution



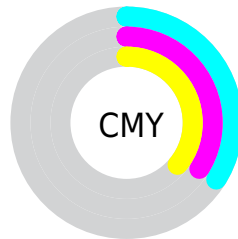
- Red (65%)
- Green (66%)
- Blue (64%)



- Red (64%)
- Yellow (66%)
- Blue (64%)



- Cyan (1%)
- Magenta (0%)
- Yellow (4%)
- Black (34%)



- Cyan (34%)
- Magenta (34%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 3.911, 121.038 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, 3.911, 121.038 by changing the saturation by 10% instead.

■ 69, 3.911, 121.038

■ 69, 3.911, 121.038

■ 100, 3.911,
121.038

■ 59, 3.911, 121.038

■ 89, 3.911, 121.038

■ 49, 3.911, 121.038

■ 99, 3.911, 121.038

■ 39, 3.911, 121.038

■ 29, 3.911, 121.038

■ 19, 3.911, 121.038

■ 9, 3.911, 121.038

■ 0, 3.911, 121.038

■ 69, 3.911, 121.038

■ 69, 3.911, 121.038

■ 68, 13.378,

■ 70, 5.559, 301.592

120.463

71, 14.999,
302.126

67, 22.781,
119.869

72, 24.378,
302.624

67, 32.042,
119.283

73, 33.675,
303.088

66, 41.044,
118.730

74, 42.875,
303.517

66, 49.610,
118.254

74, 47.349,
304.681

65, 57.485,
117.914

75, 47.613,
306.540

65, 64.317,
117.796

75, 47.923,
308.399

64, 69.690,
118.003

76, 48.277,
310.253

64, 73.267,
118.629

Harmonies

Complementary

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



69, 3.911, 121.038



67, 3.958, 301.504

Rectangle

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



69, 3.911, 121.038



69, 3.911, 171.038



69, 3.911, 301.038



69, 3.911, 351.038

Sweetspot

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



69, 3.913, 121.050



87, 1.159, 121.258



68, 2.198, 49.052



46, 0.658, 121.263



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69, 3.913, 121.050



87, 5.838, 120.994



69, 4.387, 138.173



36, 3.197, 120.966



56, 67.712, 118.951



6, 9.876, 124.022

Inverse Universe

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



67, 3.958, 301.504



84, 5.911, 301.563



67, 4.411, 318.446



34, 3.239, 301.593



19, 86.538, 308.305



1, 9.716, 299.762

Previews

White Background



This preview shows how the CIELCh color 69, 3.911, 121.038 looks on a white background.

Color Contrast Check

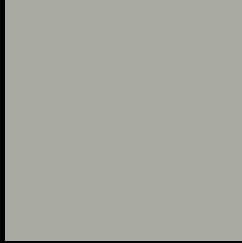
Large Text (above 18pt) WCAG AA × Fail

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, 3.911, 121.038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

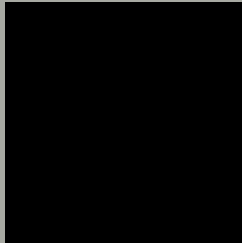
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

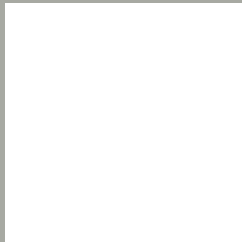
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 3.911, 121.038

Background



This preview shows how black text looks on a background with the CIELCh color 69, 3.911, 121.038.



This preview shows how white text looks on a background with the CIELCh color 69, 3.911, 121.038.

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, 3.911, 121.038

Protanopia

69, 4.271, 82.948

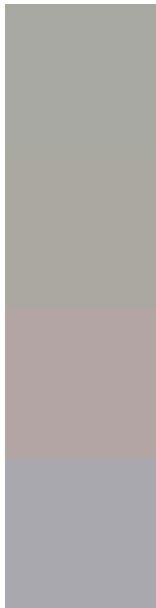
Deuteranopia

69, 8.934, 16.664



Tritanopia
69, 7.249, 299.645

Trichromacy



Original Color
69, 3.911, 121.038

Protanomaly
69, 3.988, 92.954

Deuteranomaly
69, 5.511, 31.219

Tritanomaly
69, 3.327, 296.952

Monochromacy



Original Color
69, 3.911, 121.038

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 1.089, 110.015

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 3.911, 121.038 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(167, 169, 162)` looks like.

```
.text, #text, p{  
    color:rgb(167, 169, 162)  
}
```

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(167, 169, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 169, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 3.911, 121.038 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(167, 169, 162) }
```

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

```
.border{ border-color:rgb(167, 169, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 169, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 169, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 169, 162);  
box-shadow:4px 4px 4px 4px rgb(167, 169,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 3.911, 121.038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 169, 162) }
```

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

```
.background{ background-color: rgb(167,  
169, 162) }
```

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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