

Converting Colors

CIELCh(69, 13.478, 135.605)

Have a look what the booklet for
CIELCh(69, 13.478, 135.605)
contains.

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Color

CIELCh(69, 13.570, 136.046)

Conversions

Conversions Part 1

Format	Color
Hex	9DAD97
RGB	157, 173, 151
RGB Percent	62%, 68%, 59%
CMY	0.3839, 0.3211, 0.4074
CMYK	0.09, 0.00, 0.13, 0.32
HSL	104°, 12%, 64%
HSV	104°, 13%, 68%
XYZ	34.4834, 39.3444, 35.0991
YIQ	165.7080, -2.4740, -10.2340

Conversions

Conversions Part 2

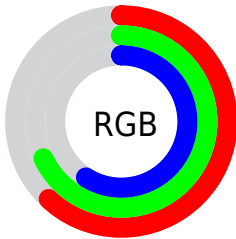
Format	Color
RYB	151, 173, 167
Decimal	10333591
CIELab	69.00, -9.77, 9.42
CIElCh	69, 13.570, 136.046
Yxy	39.3444, 0.3166, 0.3612
Android (android.graphics.Color)	4288523671 (0xFF9DAD97)
YUV	165.7080, -7.2510, -7.6369
Hunter-Lab	62.7251, -11.6378, 10.7306

Details

The CIELCh color **69, 13.570, 136.046** is a light color, and the websafe version is hex **999999**. A complement of this color would be **64, 13.694, 317.111**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 13.337, 135.175**, and **49, 13.791, 135.445** is the 20% darker color. If you saturate the color by 10%, you get **68, 24.306, 135.544**, and if you desaturate by 10%, it is **70, 2.875, 136.540**.

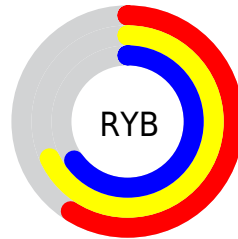
Distribution



Red (62%)

Green (68%)

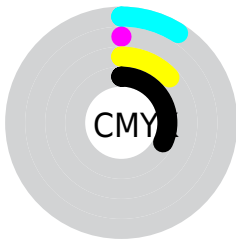
Blue (59%)



Red (59%)

Yellow (68%)

Blue (65%)

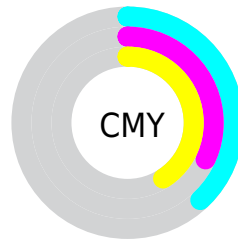


Cyan (9%)

Magenta (0%)

Yellow (13%)

Black (32%)



Cyan (38%)


Magenta (32%)


Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 13.570, 136.046 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, 13.570, 136.046 by changing the saturation by 10% instead.


 69, 13.570,
136.046


 69, 13.570,
136.046


 100, 13.570,
136.046


 59, 13.570,
136.046


 89, 13.570,
136.046

 49, 13.570,
136.046

 99, 13.570,
136.046

 39, 13.570,
136.046

 29, 13.570,
136.046

 19, 13.570,
136.046

 9, 13.570, 136.046

 0, 13.570, 136.046

69, 13.570,
136.046

69, 13.570,
136.046

68, 24.306,
135.544

70, 2.875, 136.540

67, 34.968,
134.997

72, 7.706, 316.851

66, 45.408,
134.422

73, 18.117,
317.207

65, 55.417,
133.850

75, 28.321,
317.507

64, 64.710,
133.341

77, 38.296,
317.764

63, 72.912,
132.986

79, 48.028,
317.984


63, 79.577,
132.906

80, 49.711,
322.699

62, 84.304,

81, 51.204,
326.192

133.215

 62, 86.752,
133.569

Harmonies

Complementary

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



69, 13.570, 136.046



64, 13.694, 317.111

Rectangle

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



69, 13.570, 136.046



69, 13.570, 186.046



69, 13.570, 316.046



69, 13.570, 6.046

Sweetspot

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



69, 13.572, 136.048



89, 5.247, 136.463



69, 8.967, 93.380



47, 3.727, 136.425



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, 13.572, 136.048



87, 19.796, 135.923



69, 12.691, 150.295



36, 6.043, 136.210



54, 78.107, 133.431



6, 12.937, 138.138

Inverse Universe

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



64, 13.694, 317.111



80, 20.004, 317.222



65, 12.738, 331.890



34, 6.087, 316.962



28, 80.324, 318.383



2, 12.461, 313.828

Previews

White Background



This preview shows how the CIELCh color 69, 13.570, 136.046 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, 13.570, 136.046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

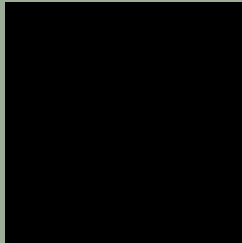
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

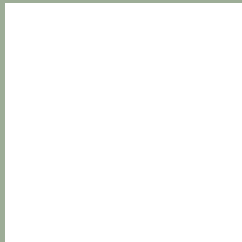
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 13.570, 136.046

Background



This preview shows how black text looks on a background with the CIELCh color 69, 13.570, 136.046.

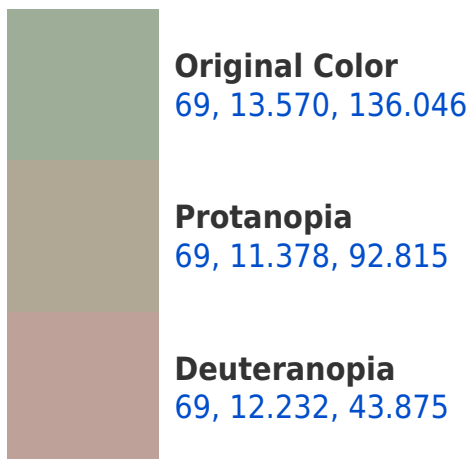


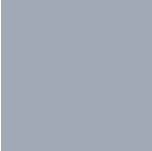
This preview shows how white text looks on a background with the CIELCh color 69, 13.570, 136.046.

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](#).

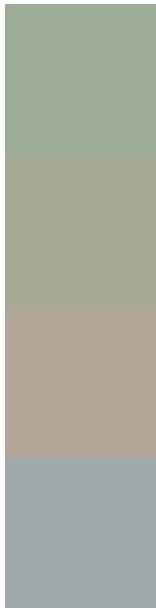
Dichromacy





Tritanopia
69, 7.524, 271.247

Trichromacy



Original Color
69, 13.570, 136.046

Protanomaly
69, 11.473, 110.970

Deuteranomaly
69, 9.010, 77.618

Tritanomaly
69, 3.737, 207.688

Monochromacy



Original Color
69, 13.570, 136.046

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 4.966, 137.129

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 13.570, 136.046 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, 173, 151)` looks like.

```
.text, #text, p{  
    color:rgb(157, 173, 151)  
}
```

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, 173, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 173, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 13.570, 136.046 is called "border". The border property can be set on classes, ids or directly on the HTML element.

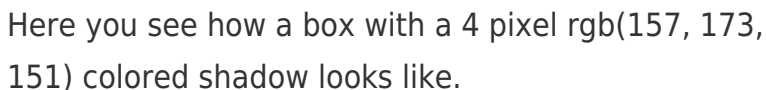
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 173, 151) }
```

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

```
.border{ border-color:rgb(157, 173, 151) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 173, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 173, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 173, 151);  
box-shadow:4px 4px 4px 4px rgb(157, 173,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 13.570, 136.046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 173, 151) }
```

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

```
.background{ background-color: rgb(157,  
173, 151) }
```

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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