

Converting Colors

CIELCh(69, 8.621, 180.095)

Have a look what the booklet for
CIELCh(69, 8.621, 180.095) contains.

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Color

CIELCh(69, 8.613, 180.102)

Conversions

Conversions Part 1

Format	Color
Hex	97ADA8
RGB	151, 173, 168
RGB Percent	59%, 68%, 66%
CMY	0.4075, 0.3212, 0.3408
CMYK	0.13, 0.00, 0.03, 0.32
HSL	166°, 12%, 64%
HSV	166°, 13%, 68%
XYZ	34.8198, 39.3444, 42.8528
YIQ	165.8520, -11.5070, -6.2190

Conversions

Conversions Part 2

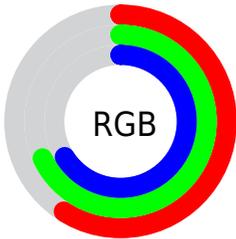
Format	Color
RYB	151, 163, 173
Decimal	9940392
CIELab	69.00, -8.61, -0.02
CIElCh	69, 8.613, 180.102
Yxy	39.3444, 0.2976, 0.3362
Android (android.graphics.Color)	4288130472 (0xFF97ADA8)
YUV	165.8520, 1.0590, -13.0252
Hunter-Lab	62.7251, -10.6804, 3.4016

Details

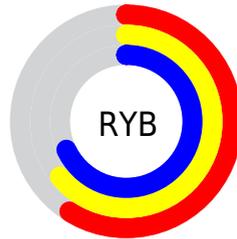
The CIELCh color **69, 8.613, 180.102** is a light color, and the websafe version is hex **999999**. A complement of this color would be **65, 9.016, 2.354**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 8.534, 181.085**, and **49, 8.778, 178.892** is the 20% darker color. If you saturate the color by 10%, you get **68, 15.160, 179.116**, and if you desaturate by 10%, it is **70, 1.855, 181.190**.

Distribution



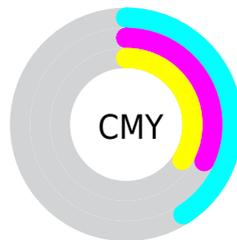
- Red (59%)
- Green (68%)
- Blue (66%)



- Red (59%)
- Yellow (64%)
- Blue (68%)



- Cyan (13%)
- Magenta (0%)
- Yellow (3%)
- Black (32%)



- Cyan (41%)
- Magenta (32%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 8.613, 180.102 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, 8.613, 180.102 by changing the saturation by 10% instead.

■ 69, 8.613, 180.102

■ 69, 8.613, 180.102

■ 100, 8.613,
180.102

■ 59, 8.613, 180.102

■ 89, 8.613, 180.102

■ 49, 8.613, 180.102

■ 99, 8.613, 180.102

■ 39, 8.613, 180.102

■ 29, 8.613, 180.102

■ 19, 8.613, 180.102

■ 9, 8.613, 180.102

■ 0, 8.613, 180.102

■ 69, 8.613, 180.102

■ 69, 8.613, 180.102

■ 68, 15.160,

■ 70, 1.855, 181.190

179.116

72, 5.030, 1.719

67, 21.389,
178.087

73, 11.965, 2.596

66, 27.190,
176.985

75, 18.892, 3.401

65, 32.452,
175.789

77, 25.766, 4.171

64, 37.076,
174.477

79, 33.010, 1.396

64, 40.987,
173.026

79, 33.581,
357.985

63, 44.155,
171.413

79, 34.278,
354.710

63, 46.603,
169.624

63, 48.092,
168.267

Harmonies

Complementary

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



69, 8.613, 180.102



65, 9.016, 2.354

Rectangle

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



69, 8.613, 180.102



69, 8.613, 230.102



69, 8.613, 0.102



69, 8.613, 50.102

Sweetspot

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



69, 8.614, 180.095



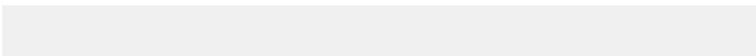
89, 3.376, 180.989



69, 13.732, 137.244



47, 2.395, 180.899



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, 8.614, 180.095



87, 12.511, 179.848



68, 6.635, 228.306



36, 3.857, 180.428



55, 43.235, 168.507



6, 8.580, 175.563

Inverse Universe

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



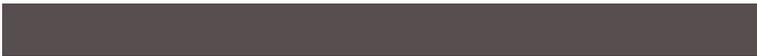
65, 9.016, 2.354



80, 13.219, 2.636



66, 7.140, 46.767



34, 3.988, 1.987



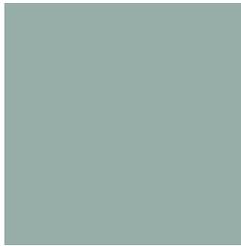
31, 61.141, 26.335



2, 8.108, 4.363

Previews

White Background



This preview shows how the CIELCh color 69, 8.613, 180.102 looks on a white background.

Color Contrast Check

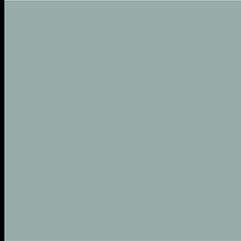
Large Text (above 18pt) WCAG AA × Fail

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, 8.613, 180.102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

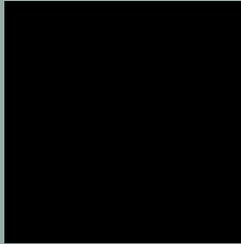
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

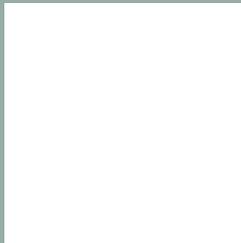
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 8.613, 180.102

Background



This preview shows how black text looks on a background with the CIELCh color 69, 8.613, 180.102.



This preview shows how white text looks on a background with the CIELCh color 69, 8.613, 180.102.

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, 8.613, 180.102

Protanopia

69, 2.188, 49.342

Deuteranopia

69, 8.559, 353.561



Tritanopia
69, 9.227, 249.971

Trichromacy



Original Color
69, 8.613, 180.102

Protanomaly
69, 2.515, 158.546

Deuteranomaly
69, 1.883, 343.646

Tritanomaly
69, 7.526, 224.985

Monochromacy



Original Color
69, 8.613, 180.102

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 3.206, 179.232

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 8.613, 180.102 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(151, 173, 168)` looks like.

```
.text, #text, p{  
    color:rgb(151, 173, 168)  
}
```

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(151, 173, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 173, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 8.613, 180.102 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(151, 173, 168) }
```

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

```
.border{ border-color:rgb(151, 173, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 173, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 173, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 173, 168);  
box-shadow:4px 4px 4px 4px rgb(151, 173,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 8.613, 180.102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 173, 168) }
```

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

```
.background{ background-color: rgb(151,  
173, 168) }
```

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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