

Converting Colors

CIELCh(67, 13.734, 148.776)

Have a look what the booklet for
CIELCh(67, 13.734, 148.776)
contains.

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Color

CIELCh(67, 13.750, 148.771)

Conversions

Conversions Part 1

Format	Color
Hex	92A996
RGB	146, 169, 150
RGB Percent	57%, 66%, 59%
CMY	0.4279, 0.3377, 0.4122
CMYK	0.14, 0.00, 0.11, 0.34
HSL	130°, 12%, 62%
HSV	130°, 14%, 66%
XYZ	31.4964, 36.6320, 34.2171
YIQ	159.9570, -7.6090, -10.7850

Conversions

Conversions Part 2

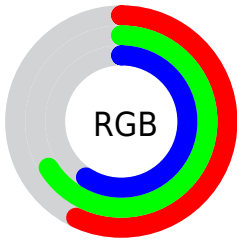
Format	Color
RYB	146, 166, 169
Decimal	9611670
CIELab	67.00, -11.76, 7.13
CIELCh	67, 13.750, 148.771
Yxy	36.6320, 0.3077, 0.3579
Android (android.graphics.Color)	4287801750 (0xFF92A996)
YUV	159.9570, -4.9088, -12.2403
Hunter-Lab	60.5244, -13.0277, 8.8477

Details

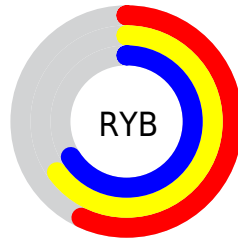
The CIELCh color $67, 13.750, 148.771$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $63, 13.791, 330.435$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 13.665, 148.724$, and $47, 14.005, 148.689$ is the 20% darker color. If you saturate the color by 10%, you get $66, 23.912, 147.990$, and if you desaturate by 10%, it is $69, 3.627, 149.490$.

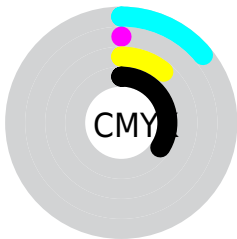
Distribution



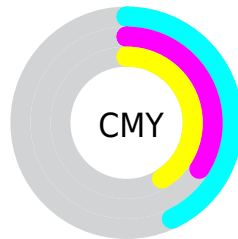
- Red (57%)
- Green (66%)
- Blue (59%)



- Red (57%)
- Yellow (65%)
- Blue (66%)



- Cyan (14%)
- Magenta (0%)
- Yellow (11%)
- Black (34%)





- Cyan (43%)
- Magenta (34%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 13.750, 148.771 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 67, 13.750, 148.771 by changing the saturation by 10% instead.


 67, 13.750,
148.771


 67, 13.750,
148.771


 100, 13.750,
148.771


 57, 13.750,
148.771


 87, 13.750,
148.771

 47, 13.750,
148.771

 97, 13.750,
148.771

 37, 13.750,
148.771

 27, 13.750,
148.771

 17, 13.750,
148.771

 7, 13.750, 148.771

 0, 13.750, 148.771

67, 13.750,
148.771

67, 13.750,
148.771

66, 23.912,
147.990

69, 3.627, 149.490

64, 33.970,
147.090

70, 6.359, 329.949

63, 43.755,
146.052

72, 16.133,
330.473

62, 53.062,
144.864

74, 25.646,
330.914

62, 61.668,
143.525

76, 34.871,
331.298

61, 69.335,
142.057

79, 43.793,
331.636


61, 75.838,
140.512

80, 50.739,
328.831

60, 80.974,

80, 53.780,
326.278

138.981

 60, 83.564,
138.147

Harmonies

Complementary

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



67, 13.750, 148.771



63, 13.791, 330.435

Rectangle

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



67, 13.750, 148.771



67, 13.750, 198.771



67, 13.750, 328.771



67, 13.750, 18.771

Sweetspot

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



67, 13.752, 148.771



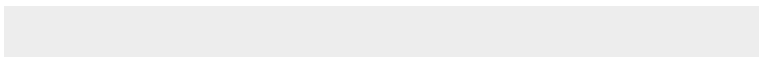
87, 4.961, 149.454



68, 12.674, 115.741



46, 3.523, 149.398



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



67, 13.752, 148.771



84, 20.004, 148.572



67, 9.615, 172.487



35, 5.684, 149.080



53, 75.487, 138.320



5, 10.519, 148.835

Inverse Universe

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



63, 13.791, 330.435



79, 20.064, 330.603



63, 9.948, 354.946



33, 5.700, 330.161



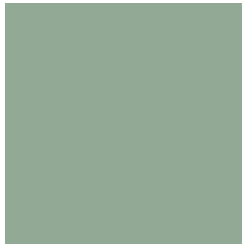
33, 67.386, 336.438



2, 9.935, 331.588

Previews

White Background



This preview shows how the CIELCh color 67, 13.750, 148.771 looks on a white background.

Color Contrast Check

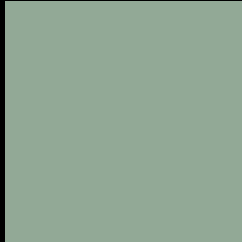
Large Text (above 18pt) WCAG AA × Fail

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 67, 13.750, 148.771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

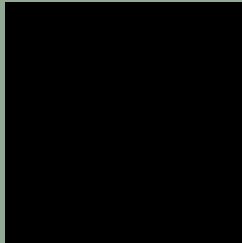
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

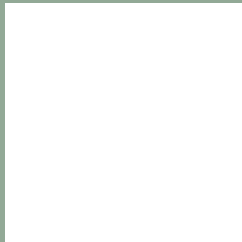
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 13.750, 148.771

Background



This preview shows how black text looks on a background with the CIELCh color 67, 13.750, 148.771.



This preview shows how white text looks on a background with the CIELCh color 67, 13.750, 148.771.

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

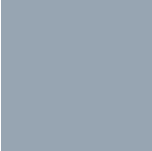
67, 13.750, 148.771

Protanopia

67, 9.226, 91.706

Deuteranopia

67, 10.306, 35.644



Tritanopia
67, 8.658, 255.439

Trichromacy



Original Color
67, 13.750, 148.771

Protanomaly
67, 10.025, 118.153

Deuteranomaly
67, 6.330, 79.821

Tritanomaly
67, 6.317, 209.056

Monochromacy



Original Color
67, 13.750, 148.771

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 4.956, 147.805

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 13.750, 148.771 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(146, 169, 150)` looks like.

```
.text, #text, p{  
    color:rgb(146, 169, 150)  
}
```

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(146, 169, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 169, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 13.750, 148.771 is called "border". The border property can be set on classes, ids or directly on the HTML element.

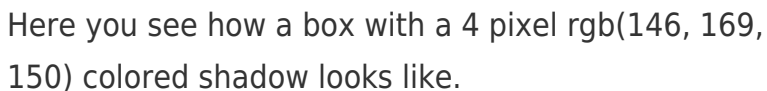
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(146, 169, 150) }
```

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

```
.border{ border-color:rgb(146, 169, 150) }
```

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



Here you see how a box with a 4 pixel `rgb(146, 169, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 169, 150); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 169, 150); box-shadow:4px 4px 4px 4px rgb(146, 169, 150) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 13.750, 148.771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 169, 150) }
```

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

```
.background{ background-color: rgb(146,  
169, 150) }
```

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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