

Converting Colors

CIELCh(68, 11.239, 231.208)

Have a look what the booklet for
CIELCh(68, 11.239, 231.208)
contains.

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Color

CIELCh(68, 11.102, 232.001)

Conversions

Conversions Part 1

Format	Color
Hex	8FAAB5
RGB	143, 170, 181
RGB Percent	56%, 67%, 71%
CMY	0.4389, 0.3330, 0.2898
CMYK	0.21, 0.06, 0.00, 0.29
HSL	197°, 20%, 64%
HSV	197°, 21%, 71%
XYZ	34.0857, 37.9720, 49.2994
YIQ	163.1810, -19.6230, -2.3030

Conversions

Conversions Part 2

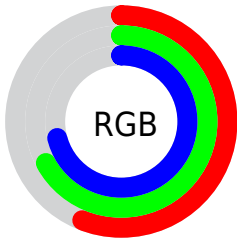
Format	Color
RYB	143, 159, 181
Decimal	9415349
CIELab	68.00, -6.83, -8.75
CIElCh	68, 11.102, 232.001
Yxy	37.9720, 0.2809, 0.3129
Android (android.graphics.Color)	4287605429 (0xFF8FAAB5)
YUV	163.1810, 8.7848, -17.6987
Hunter-Lab	61.6215, -9.1009, -4.2992

Details

The CIELCh color **68, 11.102, 232.001** is a light color, and the websafe version is hex **999999**. A complement of this color would be **66, 12.546, 49.028**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 11.215, 233.013**, and **48, 11.016, 231.103** is the 20% darker color. If you saturate the color by 10%, you get **65, 15.936, 233.159**, and if you desaturate by 10%, it is **71, 5.951, 231.108**.

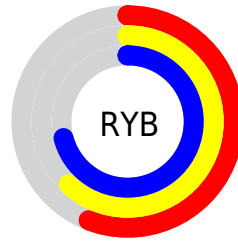
Distribution



Red (56%)

Green (67%)

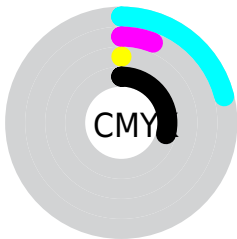
Blue (71%)



Red (56%)

Yellow (62%)

Blue (71%)

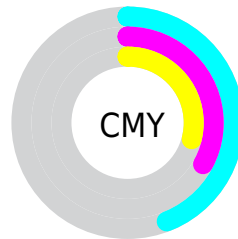


Cyan (21%)

Magenta (6%)

Yellow (0%)

Black (29%)



Cyan (44%)


Magenta (33%)


Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 11.102, 232.001 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 68, 11.102, 232.001 by changing the saturation by 10% instead.


 68, 11.102,
232.001


 68, 11.102,
232.001


 100, 11.102,
232.001


 58, 11.102,
232.001


 88, 11.102,
232.001

 48, 11.102,
232.001

 98, 11.102,
232.001

 38, 11.102,
232.001

 28, 11.102,
232.001

 18, 11.102,
232.001

 8, 11.102, 232.001

 0, 11.102, 232.001

68, 11.102,
232.001

68, 11.102,
232.001

65, 15.936,
233.159

71, 5.951, 231.108

73, 0.547, 231.174

63, 20.386,
234.651

76, 5.054, 49.651

61, 24.390,
236.546

79, 10.803, 49.264

58, 27.899,
238.928

82, 16.660, 48.940

85, 22.590, 48.686

56, 30.893,
241.887

87, 23.401, 55.093

54, 33.397,
245.498

88, 23.502, 63.002

89, 24.051, 70.676

52, 35.499,
249.788

51, 37.238,

Harmonies

Complementary

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



68, 11.102, 232.001



66, 12.546, 49.028

Rectangle

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



68, 11.102, 232.001



68, 11.102, 282.001



68, 11.102, 52.001



68, 11.102, 102.001

Sweetspot

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



68, 11.102, 231.993



91, 4.054, 230.795



70, 20.737, 152.077



48, 2.683, 230.829



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



68, 11.102, 231.993



85, 16.130, 232.474



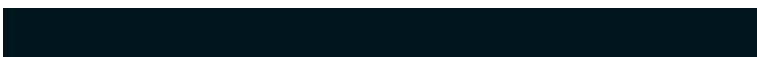
63, 16.836, 282.143



37, 3.115, 230.991



44, 33.119, 253.389



5, 8.638, 243.527

Inverse Universe

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



64, 20.804, 335.295



78, 30.618, 335.626



71, 16.501, 96.950



36, 5.642, 334.453



34, 64.407, 343.839



3, 14.191, 338.731

Previews

White Background



This preview shows how the CIELCh color 68, 11.102, 232.001 looks on a white background.

Color Contrast Check

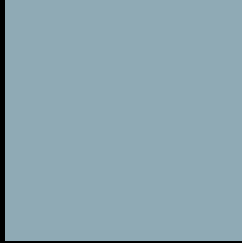
Large Text (above 18pt) WCAG AA × Fail

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 68, 11.102, 232.001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

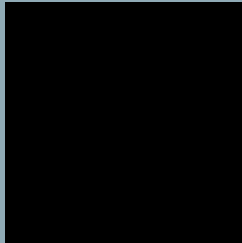
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

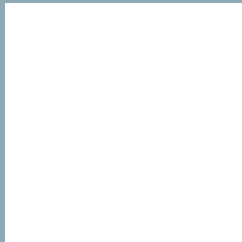
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 11.102, 232.001

Background



This preview shows how black text looks on a background with the CIELCh color 68, 11.102, 232.001.

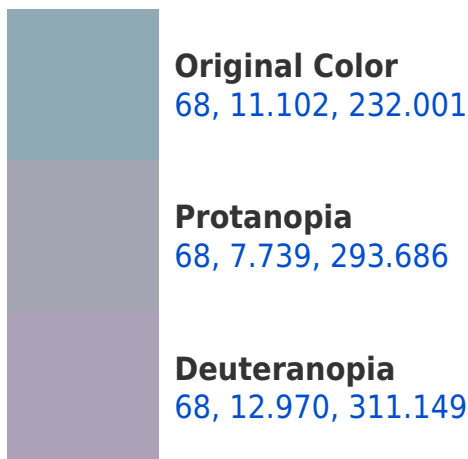


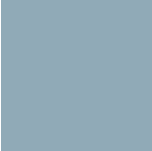
This preview shows how white text looks on a background with the CIELCh color 68, 11.102, 232.001.

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
68, 11.406, 237.886

Trichromacy



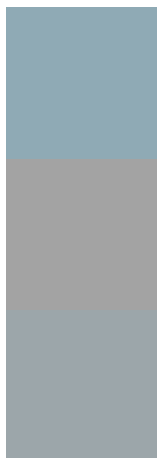
Original Color
68, 11.102, 232.001

Protanomaly
68, 7.802, 266.275

Deuteranomaly
68, 9.943, 287.032

Tritanomaly
68, 11.106, 235.498

Monochromacy



Original Color
68, 11.102, 232.001

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 4.265, 230.443

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 11.102, 232.001 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(143, 170, 181)` looks like.

```
.text, #text, p{  
    color:rgb(143, 170, 181)  
}
```

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(143, 170, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 170, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 11.102, 232.001 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(143, 170, 181) }
```

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

```
.border{ border-color:rgb(143, 170, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 170, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 170, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 170, 181);  
box-shadow:4px 4px 4px 4px rgb(143, 170,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 11.102, 232.001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 170, 181) }
```

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

```
.background{ background-color: rgb(143,  
170, 181) }
```

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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