

Converting Colors

CIELCh(68, 11.199, 239.178)

Have a look what the booklet for
CIELCh(68, 11.199, 239.178)
contains.

CIELCh(68, 11.149, 238.979)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(68, 11.149, 238.979)

Conversions

Conversions Part 1

Format	Color
Hex	91AAB7
RGB	145, 170, 183
RGB Percent	57%, 67%, 72%
CMY	0.4330, 0.3350, 0.2841
CMYK	0.21, 0.07, 0.00, 0.28
HSL	201°, 21%, 64%
HSV	201°, 21%, 72%
XYZ	34.4002, 37.9720, 50.0795
YIQ	164.0070, -19.0730, -1.2570

Conversions

Conversions Part 2

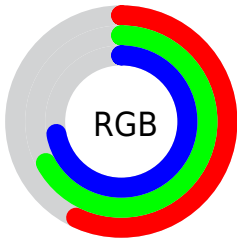
Format	Color
R_YB	145, 160, 183
Decimal	9546423
CIE Lab	68.00, -5.75, -9.55
CIE LCh	68, 11.149, 238.979
Yxy	37.9720, 0.2809, 0.3101
Android (android.graphics.Color)	4287736503 (0xFF91AAB7)
YUV	164.0070, 9.3635, -16.6691
Hunter-Lab	61.6215, -8.1898, -5.0498

Details

The CIELCh color **68, 11.149, 238.979** is a light color, and the websafe version is hex **999999**. A complement of this color would be **67, 12.413, 55.091**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 11.272, 239.553**, and **48, 11.063, 238.631** is the 20% darker color. If you saturate the color by 10%, you get **65, 16.126, 240.397**, and if you desaturate by 10%, it is **71, 5.906, 237.850**.

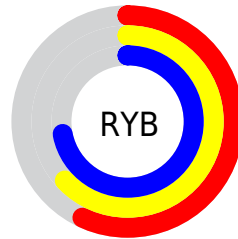
Distribution



Red (57%)

Green (67%)

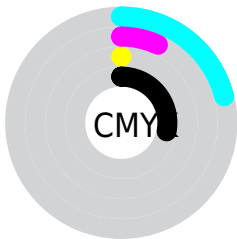
Blue (72%)



Red (57%)

Yellow (63%)

Blue (72%)

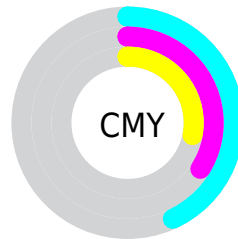


Cyan (21%)

Magenta (7%)

Yellow (0%)

Black (28%)



Cyan (43%)


Magenta (34%)


Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 11.149, 238.979 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, 11.149, 238.979 by changing the saturation by 10% instead.


 68, 11.149,
238.979


 68, 11.149,
238.979


 100, 11.149,
238.979


 58, 11.149,
238.979


 88, 11.149,
238.979

 48, 11.149,
238.979

 98, 11.149,
238.979

 38, 11.149,
238.979

 28, 11.149,
238.979

 18, 11.149,
238.979

 8, 11.149, 238.979

 0, 11.149, 238.979

68, 11.149,
238.979

68, 11.149,
238.979

65, 16.126,
240.397

71, 5.906, 237.850

62, 20.783,
242.176

74, 0.452, 237.836

77, 5.166, 55.994

60, 25.069,
244.386

80, 10.906, 55.424

57, 28.952,
247.108

83, 16.731, 54.934

87, 22.614, 54.525

54, 32.426,
250.423

88, 23.019, 63.675

52, 35.534,
254.380

90, 23.778, 72.920

91, 25.119, 81.345

50, 38.376,
258.965

48, 40.935,

263.484

Harmonies

Complementary

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



68, 11.149, 238.979



67, 12.413, 55.091

Rectangle

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



68, 11.149, 238.979



68, 11.149, 288.979



68, 11.149, 58.979



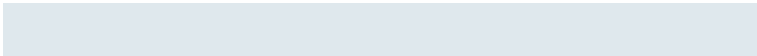
68, 11.149, 108.979

Sweetspot

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



68, 11.149, 238.972



92, 4.091, 237.443



71, 19.929, 154.077



49, 2.732, 237.491



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



68, 11.149, 238.972



85, 16.399, 239.589



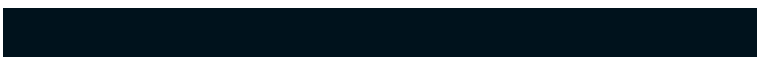
63, 17.803, 284.966



37, 3.119, 237.712



41, 36.092, 262.784



5, 8.905, 250.845

Inverse Universe

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



64, 20.016, 337.543



79, 29.790, 337.915



72, 17.311, 100.023



36, 5.434, 336.657



34, 62.375, 347.745



3, 13.590, 341.688

Previews

White Background



This preview shows how the CIELCh color 68, 11.149, 238.979 looks on a white background.

Color Contrast Check

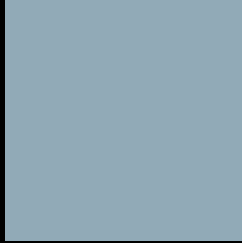
Large Text (above 18pt) WCAG AA × Fail

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 68, 11.149, 238.979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

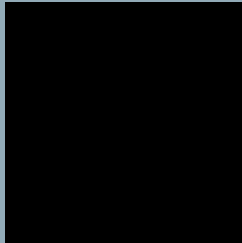
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

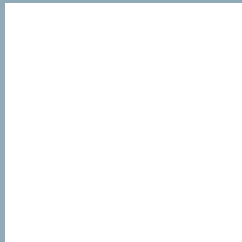
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 11.149, 238.979

Background



This preview shows how black text looks on a background with the CIELCh color 68, 11.149, 238.979.



This preview shows how white text looks on a background with the CIELCh color 68, 11.149, 238.979.

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, 11.149, 238.979

Trichromacy



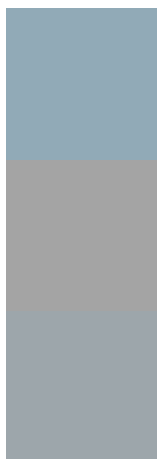
Original Color
68, 11.149, 238.979

Protanomaly
68, 8.302, 267.965

Deuteranomaly
68, 10.480, 289.278

Tritanomaly
68, 11.149, 238.979

Monochromacy



Original Color
68, 11.149, 238.979

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 4.275, 239.522

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 11.149, 238.979 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(145, 170, 183)` looks like.

```
.text, #text, p{  
    color:rgb(145, 170, 183)  
}
```

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(145, 170, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 170, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 11.149, 238.979 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(145, 170, 183) }
```

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

```
.border{ border-color:rgb(145, 170, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 170, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 170, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 170, 183);  
box-shadow:4px 4px 4px 4px rgb(145, 170,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 11.149, 238.979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 170, 183) }
```

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

```
.background{ background-color: rgb(145,  
170, 183) }
```

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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