

Converting Colors

CIELCh(67, 11.571, 235.740)

Have a look what the booklet for
CIELCh(67, 11.571, 235.740)
contains.

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Color

CIELCh(67, 11.693, 236.885)

Conversions

Conversions Part 1

Format	Color
Hex	8CA7B4
RGB	140, 167, 180
RGB Percent	55%, 65%, 71%
CMY	0.4500, 0.3441, 0.2931
CMYK	0.22, 0.07, 0.00, 0.29
HSL	199°, 21%, 63%
HSV	199°, 22%, 71%
XYZ	32.9856, 36.6320, 48.6484
YIQ	160.4090, -20.2650, -1.6810

Conversions

Conversions Part 2

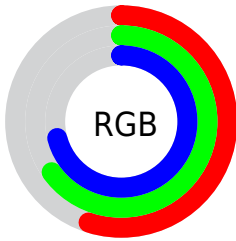
Format	Color
RYB	140, 156, 180
Decimal	9217972
CIELab	67.00, -6.39, -9.79
CIELCh	67, 11.693, 236.885
Yxy	36.6320, 0.2789, 0.3097
Android (android.graphics.Color)	4287408052 (0xFF8CA7B4)
YUV	160.4090, 9.6584, -17.8987
Hunter-Lab	60.5244, -8.6357, -5.2892

Details

The CIELCh color **67, 11.693, 236.885** is a light color, and the websafe version is hex **999999**. A complement of this color would be **65, 13.190, 53.030**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 11.795, 237.499**, and **47, 11.618, 236.535** is the 20% darker color. If you saturate the color by 10%, you get **64, 16.532, 238.266**, and if you desaturate by 10%, it is **70, 6.565, 235.790**.

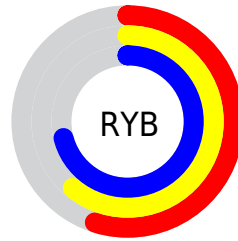
Distribution



Red (55%)

Green (65%)

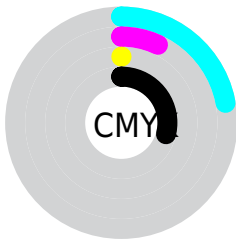
Blue (71%)



Red (55%)

Yellow (61%)

Blue (71%)

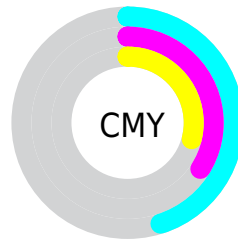


Cyan (22%)

Magenta (7%)

Yellow (0%)

Black (29%)



Cyan (45%)

Magenta (34%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 11.693, 236.885 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, 11.693, 236.885 by changing the saturation by 10% instead.

■ 67, 11.693,
236.885

■ 67, 11.693,
236.885

■ 100, 11.693,
236.885

■ 57, 11.693,
236.885

■ 87, 11.693,
236.885

■ 47, 11.693,
236.885

■ 97, 11.693,
236.885

■ 37, 11.693,
236.885

■ 27, 11.693,
236.885

■ 17, 11.693,
236.885

■ 7, 11.693, 236.885

■ 0, 11.693, 236.885

67, 11.693,
236.885

67, 11.693,
236.885

64, 16.532,
238.266

70, 6.565, 235.790

73, 1.206, 235.204

62, 21.026,
240.010

76, 4.332, 54.003

59, 25.121,
242.188

79, 10.006, 53.486

57, 28.783,
244.884

82, 15.776, 53.036

85, 21.613, 52.666

54, 32.006,
248.180

87, 23.678, 58.087

52, 34.835,
252.130

88, 24.006, 66.742

90, 24.871, 74.951

50, 37.373,
256.723

48, 39.308,

260.528

Harmonies

Complementary

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



67, 11.693, 236.885



65, 13.190, 53.030

Rectangle

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



67, 11.693, 236.885



67, 11.693, 286.885



67, 11.693, 56.885



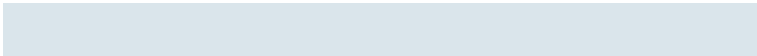
67, 11.693, 106.885

Sweetspot

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



67, 11.693, 236.878



90, 4.715, 235.359



70, 21.308, 153.278



48, 3.057, 235.403



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



67, 11.693, 236.878



83, 17.394, 237.569



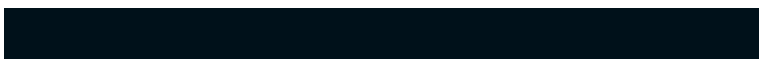
62, 18.477, 284.258



36, 3.042, 235.533



41, 34.583, 259.803



4, 7.688, 247.620

Inverse Universe

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



63, 21.395, 336.898



77, 32.273, 337.317



71, 17.980, 98.883



35, 5.374, 335.921



33, 62.254, 346.407



2, 11.959, 340.131

Previews

White Background



This preview shows how the CIELCh color 67, 11.693, 236.885 looks on a white background.

Color Contrast Check

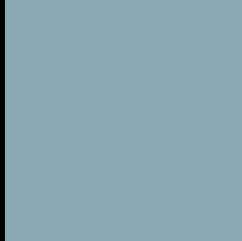
Large Text (above 18pt) WCAG AA × Fail

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, 11.693, 236.885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

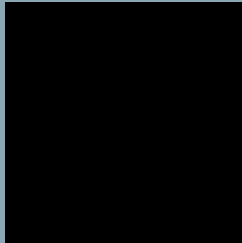
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

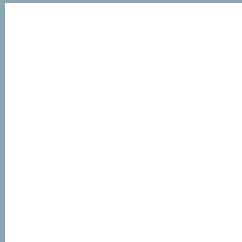
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 11.693, 236.885

Background



This preview shows how black text looks on a background with the CIELCh color 67, 11.693, 236.885.



This preview shows how white text looks on a background with the CIELCh color 67, 11.693, 236.885.

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, 11.693, 236.885

Protanopia

67, 8.297, 288.518

Deuteranopia

67, 13.944, 308.215



Tritanopia
67, 12.003, 239.136

Trichromacy



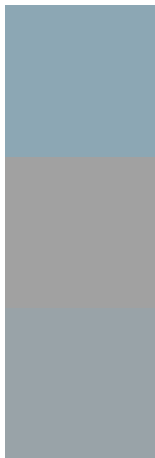
Original Color
67, 11.693, 236.885

Protanomaly
67, 8.605, 263.581

Deuteranomaly
67, 11.079, 287.598

Tritanomaly
67, 12.003, 239.136

Monochromacy



Original Color
67, 11.693, 236.885

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 4.571, 236.564

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 11.693, 236.885 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(140, 167, 180)` looks like.

```
.text, #text, p{  
    color:rgb(140, 167, 180)  
}
```

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(140, 167, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 167, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 11.693, 236.885 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(140, 167, 180) }
```

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

```
.border{ border-color:rgb(140, 167, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 167, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 167, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 167, 180);  
box-shadow:4px 4px 4px 4px rgb(140, 167,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 11.693, 236.885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 167, 180) }
```

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

```
.background{ background-color: rgb(140,  
167, 180) }
```

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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