

Converting Colors

CIELCh(68, 11.023, 119.305)

Have a look what the booklet for
CIELCh(68, 11.023, 119.305)
contains.

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Color

CIELCh(68, 11.140, 119.185)

Conversions

Conversions Part 1

Format	Color
Hex	A3A894
RGB	163, 168, 148
RGB Percent	64%, 66%, 58%
CMY	0.3605, 0.3408, 0.4193
CMYK	0.03, 0.00, 0.12, 0.34
HSL	75°, 10%, 62%
HSV	75°, 12%, 66%
XYZ	34.4911, 37.9720, 33.5624
YIQ	164.2250, 3.4400, -7.2800

Conversions

Conversions Part 2

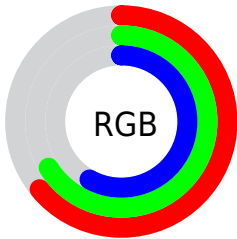
Format	Color
RYB	148, 168, 153
Decimal	10725524
CIELab	68.00, -5.43, 9.73
CIElCh	68, 11.140, 119.185
Yxy	37.9720, 0.3253, 0.3581
Android (android.graphics.Color)	4288915604 (0xFFA3A894)
YUV	164.2250, -7.9989, -1.0743
Hunter-Lab	61.6215, -7.9266, 10.8424

Details

The CIELCh color **68, 11.140, 119.185** is a light color, and the websafe version is hex **999999**. A complement of this color would be **62, 11.412, 300.685**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 11.080, 118.862**, and **48, 11.334, 119.462** is the 20% darker color. If you saturate the color by 10%, you get **67, 20.456, 118.564**, and if you desaturate by 10%, it is **69, 1.774, 119.815**.

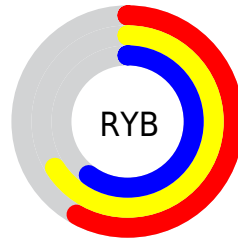
Distribution



Red (64%)

Green (66%)

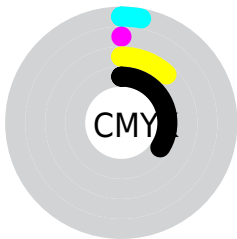
Blue (58%)



Red (58%)

Yellow (66%)

Blue (60%)

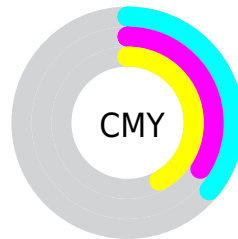


Cyan (3%)

Magenta (0%)

Yellow (12%)

Black (34%)



Cyan (36%)


Magenta (34%)


Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 11.140, 119.185 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, 11.140, 119.185 by changing the saturation by 10% instead.


 68, 11.140,
119.185


 68, 11.140,
119.185


 100, 11.140,
119.185


 58, 11.140,
119.185


 88, 11.140,
119.185

 48, 11.140,
119.185

 98, 11.140,
119.185

 38, 11.140,
119.185

 28, 11.140,
119.185

 18, 11.140,
119.185

 8, 11.140, 119.185

 0, 11.140, 119.185

■ 68, 11.140,
119.185

■ 68, 11.140,
119.185

■ 67, 20.456,
118.564

■ 69, 1.774, 119.815

■ 67, 29.645,
117.940

■ 70, 7.597, 300.385

■ 66, 38.601,
117.345

■ 70, 16.936,
300.946

■ 66, 47.166,
116.813

■ 71, 26.217,
301.472

■ 65, 55.103,
116.400

■ 72, 35.421,
301.964

■ 65, 62.083,
116.181

■ 73, 44.533,
302.421

■ 64, 67.697,
116.250

■ 74, 47.907,
303.589

■ 64, 71.574,

■ 74, 48.107,
305.174

116.704

75, 48.340,
306.763

64, 73.696,
117.290

Harmonies

Complementary

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



68, 11.140, 119.185



62, 11.412, 300.685

Rectangle

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



68, 11.140, 119.185



68, 11.140, 169.185



68, 11.140, 299.185



68, 11.140, 349.185

Sweetspot

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



68, 11.142, 119.190



87, 4.646, 119.676



64, 6.543, 44.860



46, 3.298, 119.630



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



68, 11.142, 119.190



86, 16.268, 119.043



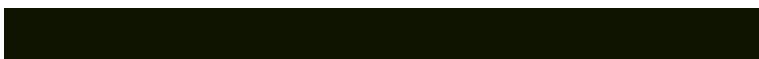
67, 12.484, 136.782



35, 5.304, 119.353



57, 67.037, 117.155



6, 9.812, 122.534

Inverse Universe

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



62, 11.412, 300.685



78, 16.738, 300.854



63, 12.582, 317.782



33, 5.407, 300.503



18, 87.036, 307.879



1, 9.682, 298.579

Previews

White Background



This preview shows how the CIELCh color 68, 11.140, 119.185 looks on a white background.

Color Contrast Check

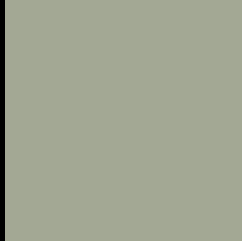
Large Text (above 18pt) WCAG AA × Fail

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, 11.140, 119.185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

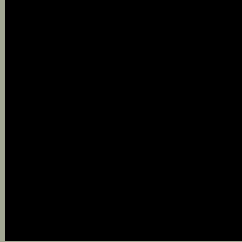
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

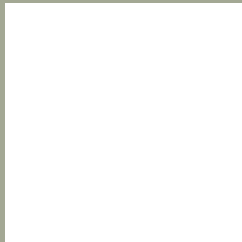
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 11.140, 119.185

Background



This preview shows how black text looks on a background with the CIELCh color 68, 11.140, 119.185.



This preview shows how white text looks on a background with the CIELCh color 68, 11.140, 119.185.

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

68, 11.140, 119.185

Protanopia

68, 10.364, 91.272

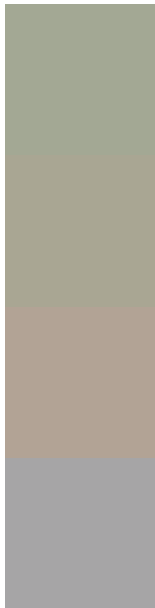
Deuteranopia

68, 12.157, 46.901



Tritanopia
68, 7.273, 299.653

Trichromacy



Original Color
68, 11.140, 119.185

Protanomaly
68, 10.476, 102.582

Deuteranomaly
68, 9.737, 71.561

Tritanomaly
68, 0.679, 324.144

Monochromacy



Original Color
68, 11.140, 119.185

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 3.867, 115.469

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 11.140, 119.185 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(163, 168, 148)` looks like.

```
.text, #text, p{  
    color:rgb(163, 168, 148)  
}
```

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(163, 168, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 168, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 11.140, 119.185 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(163, 168, 148) }
```

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

```
.border{ border-color:rgb(163, 168, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 168, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 168, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 168, 148);  
box-shadow:4px 4px 4px 4px rgb(163, 168,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 11.140, 119.185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 168, 148) }
```

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

```
.background{ background-color: rgb(163,  
168, 148) }
```

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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