

Converting Colors

CIELCh(68, 4.377, 52.617)

Have a look what the booklet for
CIELCh(68, 4.377, 52.617) contains.

CIELCh(68, 4.099, 51.895)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(68, 4.099, 51.895)

Conversions

Conversions Part 1

Format	Color
Hex	ADA4A0
RGB	173, 164, 160
RGB Percent	68%, 64%, 63%
CMY	0.3216, 0.3569, 0.3726
CMYK	0.00, 0.05, 0.08, 0.32
HSL	18°, 7%, 65%
HSV	18°, 8%, 68%
XYZ	36.8530, 37.9720, 38.6438
YIQ	166.2350, 6.6480, 0.6640

Conversions

Conversions Part 2

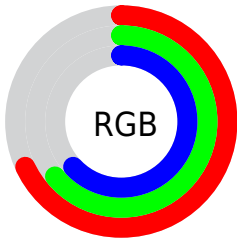
Format	Color
RYB	173, 166, 160
Decimal	11379872
CIELab	68.00, 2.53, 3.23
CIElCh	68, 4.099, 51.895
Yxy	37.9720, 0.3248, 0.3346
Android (android.graphics.Color)	4289569952 (0xFFADA4A0)
YUV	166.2350, -3.0739, 5.9329
Hunter-Lab	61.6215, -1.0848, 5.9533

Details

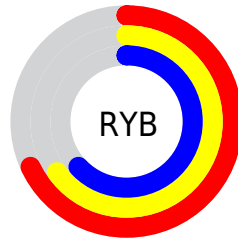
The CIELCh color **68, 4.099, 51.895** is a light color, and the websafe version is hex **999999**. A complement of this color would be **69, 3.946, 233.221**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 3.869, 51.976**, and **48, 4.130, 44.928** is the 20% darker color. If you saturate the color by 10%, you get **64, 9.914, 51.350**, and if you desaturate by 10%, it is **72, 1.314, 233.060**.

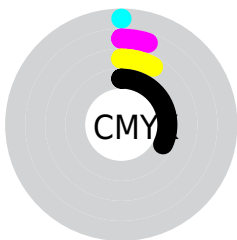
Distribution



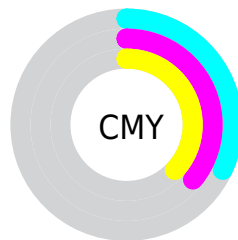
- Red (68%)
- Green (64%)
- Blue (63%)



- Red (68%)
- Yellow (65%)
- Blue (63%)



- Cyan (0%)
- Magenta (5%)
- Yellow (8%)
- Black (32%)



- Cyan (32%)
- Magenta (36%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 4.099, 51.895 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, 4.099, 51.895 by changing the saturation by 10% instead.

 68, 4.099, 51.895  68, 4.099, 51.895

 100, 4.099, 51.895  58, 4.099, 51.895

 88, 4.099, 51.895  48, 4.099, 51.895

 98, 4.099, 51.895  38, 4.099, 51.895

 28, 4.099, 51.895

 18, 4.099, 51.895

 8, 4.099, 51.895

 0, 4.099, 51.895

 68, 4.099, 51.895  68, 4.099, 51.895

 64, 9.914, 51.350  72, 1.314, 233.060

61, 16.173, 50.793

75, 6.368, 233.501

57, 22.908, 50.311

79, 11.105,
234.199

54, 30.138, 49.929

83, 15.562,
234.921

51, 37.841, 49.658

48, 45.929, 49.481

86, 19.774,
235.644

45, 54.163, 49.319

90, 21.820,
225.645

43, 62.003, 48.948

41, 68.599, 48.058

93, 23.795,
207.015

95, 25.937,
197.818

Harmonies

Complementary

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



68, 4.099, 51.895



69, 3.946, 233.221

Rectangle

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



68, 4.099, 51.895



68, 4.099, 101.895



68, 4.099, 231.895



68, 4.099, 281.895

Sweetspot

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



68, 4.099, 51.924



88, 1.319, 51.990



67, 7.066, 334.746



47, 0.748, 51.973



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



68, 4.099, 51.924



85, 6.103, 51.836



70, 5.755, 99.544



35, 3.115, 51.828



35, 63.128, 48.361



3, 6.465, 45.552

Inverse Universe

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



69, 3.946, 233.221



86, 5.822, 233.339



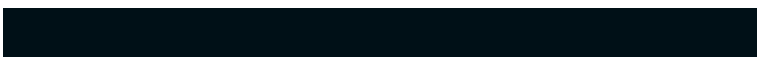
67, 5.813, 281.298



35, 2.968, 233.351



41, 33.195, 256.685



4, 6.474, 243.780

Previews

White Background



This preview shows how the CIELCh color 68, 4.099, 51.895 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, 4.099, 51.895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

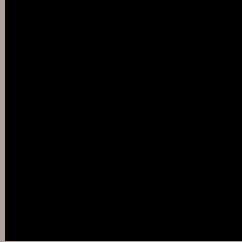
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 4.099, 51.895

Background



This preview shows how black text looks on a background with the CIELCh color 68, 4.099, 51.895.



This preview shows how white text looks on a background with the CIELCh color 68, 4.099, 51.895.

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, 4.099, 51.895

Protanopia

68, 2.902, 68.462

Deuteranopia

68, 9.364, 16.870



Tritanopia
68, 8.704, 324.816

Trichromacy



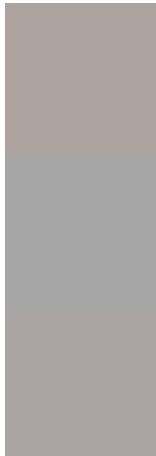
Original Color
68, 4.099, 51.895

Protanomaly
68, 3.169, 63.187

Deuteranomaly
68, 7.375, 20.010

Tritanomaly
68, 5.701, 337.371

Monochromacy



Original Color
68, 4.099, 51.895

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 1.613, 39.121

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 4.099, 51.895 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(173, 164, 160)` looks like.

```
.text, #text, p{  
    color:rgb(173, 164, 160)  
}
```

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(173, 164, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 164, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 4.099, 51.895 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(173, 164, 160) }
```

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

```
.border{ border-color:rgb(173, 164, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 164, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 164, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 164, 160);  
box-shadow:4px 4px 4px 4px rgb(173, 164,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 4.099, 51.895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 164, 160) }
```

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

```
.background{ background-color: rgb(173,  
164, 160) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor