

Converting Colors

CIELCh(68, 7.050, 53.701)

Have a look what the booklet for
CIELCh(68, 7.050, 53.701) contains.

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Color

CIELCh(68, 7.017, 52.871)

Conversions

Conversions Part 1

Format	Color
Hex	B2A39C
RGB	178, 163, 156
RGB Percent	70%, 64%, 61%
CMY	0.3026, 0.3614, 0.3889
CMYK	0.00, 0.08, 0.12, 0.30
HSL	19°, 12%, 65%
HSV	19°, 12%, 70%
XYZ	37.3728, 37.9720, 36.7365
YIQ	166.6870, 11.1870, 1.0030

Conversions

Conversions Part 2

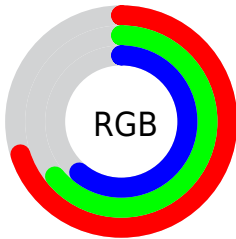
Format	Color
RYB	178, 166, 156
Decimal	11707292
CIELab	68.00, 4.24, 5.59
CIELCh	68, 7.017, 52.871
Yxy	37.9720, 0.3334, 0.3388
Android (android.graphics.Color)	4289897372 (0xFFB2A39C)
YUV	166.6870, -5.2687, 9.9215
Hunter-Lab	61.6215, 0.4208, 7.7885

Details

The CIELCh color **68, 7.017, 52.871** is a light color, and the websafe version is hex **999999**. A complement of this color would be **69, 6.580, 234.948**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 7.217, 54.813**, and **48, 6.903, 50.534** is the 20% darker color. If you saturate the color by 10%, you get **64, 13.166, 52.260**, and if you desaturate by 10%, it is **72, 1.294, 53.312**.

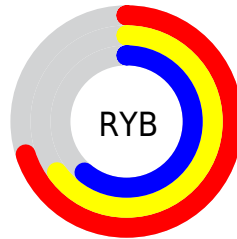
Distribution



Red (70%)

Green (64%)

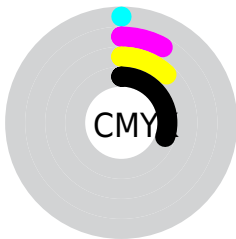
Blue (61%)



Red (70%)

Yellow (65%)

Blue (61%)

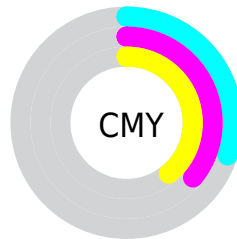


Cyan (0%)

Magenta (8%)

Yellow (12%)

Black (30%)



Cyan (30%)

Magenta (36%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 7.017, 52.871 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, 7.017, 52.871 by changing the saturation by 10% instead.

■ 68, 7.017, 52.871 ■ 68, 7.017, 52.871

■ 100, 7.017, 52.871 ■ 58, 7.017, 52.871

■ 88, 7.017, 52.871 ■ 48, 7.017, 52.871

■ 98, 7.017, 52.871 ■ 38, 7.017, 52.871

■ 28, 7.017, 52.871

■ 18, 7.017, 52.871

■ 8, 7.017, 52.871

■ 0, 7.017, 52.871

■ 68, 7.017, 52.871 ■ 68, 7.017, 52.871

■ 64, 13.166, 52.260 ■ 72, 1.294, 53.312

61, 19.780, 51.680

75, 4.047, 234.517

58, 26.886, 51.183

79, 9.047, 235.215

54, 34.486, 50.786

83, 13.748,
235.965

51, 42.531, 50.486

87, 18.186,
236.721

48, 50.865, 50.242

46, 59.115, 49.912

90, 20.599,
227.947

43, 66.485, 49.158

93, 22.432,
207.819

42, 71.359, 48.434

95, 24.600,
197.901

Harmonies

Complementary

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



68, 7.017, 52.871



69, 6.580, 234.948

Rectangle

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



68, 7.017, 52.871



68, 7.017, 102.871



68, 7.017, 232.871



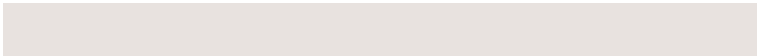
68, 7.017, 282.871

Sweetspot

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



68, 7.017, 52.889



90, 2.732, 53.337



67, 11.797, 335.796



48, 1.963, 53.315



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, 7.017, 52.889



85, 10.678, 52.705



71, 9.881, 100.003



36, 3.187, 53.078



36, 63.593, 48.852



4, 7.601, 44.906

Inverse Universe

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



69, 6.580, 234.948



87, 9.847, 235.226



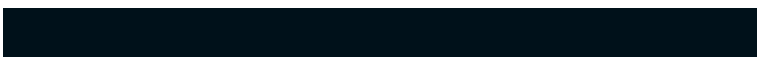
66, 10.035, 282.873



36, 3.041, 234.684



42, 34.200, 258.636



4, 7.661, 246.741

Previews

White Background



This preview shows how the CIELCh color 68, 7.017, 52.871 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, 7.017, 52.871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

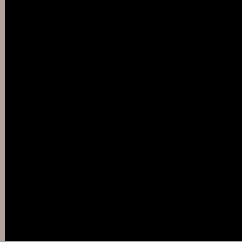
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 7.017, 52.871

Background



This preview shows how black text looks on a background with the CIELCh color 68, 7.017, 52.871.



This preview shows how white text looks on a background with the CIELCh color 68, 7.017, 52.871.

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, 7.017, 52.871

Protanopia

68, 4.954, 81.666

Deuteranopia

68, 10.106, 32.704



Tritanopia
68, 10.443, 337.142

Trichromacy



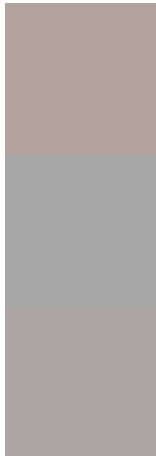
Original Color
68, 7.017, 52.871

Protanomaly
68, 5.184, 67.278

Deuteranomaly
68, 8.707, 38.348

Tritanomaly
68, 7.653, 354.575

Monochromacy



Original Color
68, 7.017, 52.871

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 2.535, 45.031

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 7.017, 52.871 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(178, 163, 156)` looks like.

```
.text, #text, p{  
    color:rgb(178, 163, 156)  
}
```

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(178, 163, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 163, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 7.017, 52.871 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(178, 163, 156) }
```

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

```
.border{ border-color:rgb(178, 163, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 163, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 163, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 163, 156);  
box-shadow:4px 4px 4px 4px rgb(178, 163,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 7.017, 52.871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 163, 156) }
```

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

```
.background{ background-color: rgb(178,  
163, 156) }
```

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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