

Converting Colors

CIELCh(68, 5.012, 324.975)

Have a look what the booklet for
CIELCh(68, 5.012, 324.975) contains.

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Color

CIELCh(68, 4.698, 324.614)

Conversions

Conversions Part 1

Format	Color
Hex	ABA4AB
RGB	171, 164, 171
RGB Percent	67%, 64%, 67%
CMY	0.3308, 0.3582, 0.3308
CMYK	0.00, 0.04, 0.00, 0.33
HSL	300°, 4%, 66%
HSV	300°, 4%, 67%
XYZ	37.2488, 37.9720, 43.7191
YIQ	166.8910, 1.9250, 3.6610

Conversions

Conversions Part 2

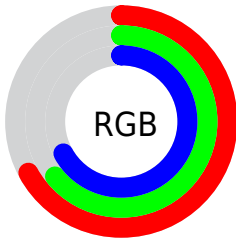
Format	Color
RYB	171, 164, 171
Decimal	11248811
CIELab	68.00, 3.83, -2.72
CIELCh	68, 4.698, 324.614
Yxy	37.9720, 0.3132, 0.3193
Android (android.graphics.Color)	4289438891 (0xFFABA4AB)
YUV	166.8910, 2.0257, 3.6036
Hunter-Lab	61.6215, 0.0618, 1.0700

Details

The CIELCh color **68, 4.698, 324.614** is a light color, and the websafe version is hex **999999**. A complement of this color would be **69, 4.681, 144.264**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 4.459, 324.549**, and **48, 5.023, 324.713** is the 20% darker color. If you saturate the color by 10%, you get **64, 16.238, 325.188**, and if you desaturate by 10%, it is **73, 6.679, 144.164**.

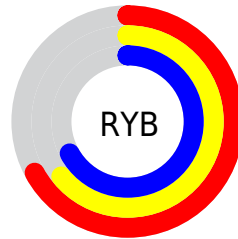
Distribution



Red (67%)

Green (64%)

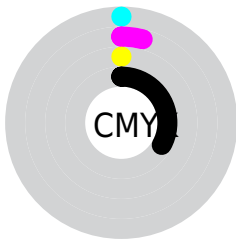
Blue (67%)



Red (67%)

Yellow (64%)

Blue (67%)

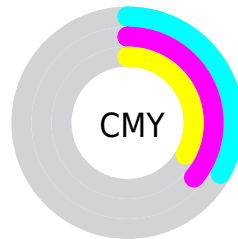


Cyan (0%)

Magenta (4%)

Yellow (0%)

Black (33%)



Cyan (33%)

Magenta (36%)

Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 4.698, 324.614 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, 4.698, 324.614 by changing the saturation by 10% instead.

 68, 4.698, 324.614

 68, 4.698, 324.614

 100, 4.698,
324.614

 58, 4.698, 324.614

 88, 4.698, 324.614

 48, 4.698, 324.614

 98, 4.698, 324.614

 38, 4.698, 324.614

 28, 4.698, 324.614


 18, 4.698, 324.614

 8, 4.698, 324.614

 0, 4.698, 324.614

 68, 4.698, 324.614

 68, 4.698, 324.614

 64, 16.238,

 73, 6.679, 144.164

325.188

77, 17.799,
143.623

59, 27.808,
325.730

82, 28.612,
143.119

55, 39.197,
326.251

87, 39.096,
142.641

52, 50.119,
326.740

91, 49.243,
142.189

48, 60.206,
327.180

93, 52.742,
142.037

46, 69.034,
327.556

93, 52.742,
142.037

43, 76.180,
327.853

93, 52.742,
142.037

42, 81.318,
328.063

93, 52.742,
142.037

41, 84.342,
328.185

Harmonies

Complementary

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



68, 4.698, 324.614



69, 4.681, 144.264

Rectangle

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



68, 4.698, 324.614



68, 4.698, 14.614



68, 4.698, 144.614



68, 4.698, 194.614

Sweetspot

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



68, 4.696, 324.614



88, 1.422, 324.301



67, 3.865, 290.589



47, 0.815, 324.287



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, 4.696, 324.614



86, 7.095, 324.677



68, 3.298, 343.871



34, 3.849, 324.706



35, 76.993, 328.233



2, 11.673, 324.439

Inverse Universe

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



68, 4.696, 324.614



86, 7.095, 324.677



69, 3.271, 163.432



34, 3.849, 324.706



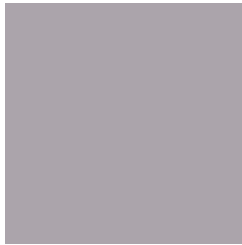
35, 76.993, 328.233



2, 11.673, 324.439

Previews

White Background



This preview shows how the CIELCh color 68, 4.698, 324.614 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, 4.698, 324.614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

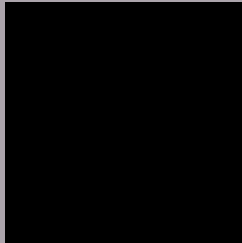
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

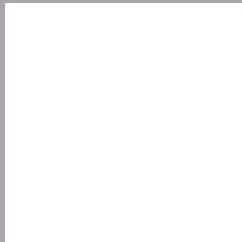
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 4.698, 324.614

Background



This preview shows how black text looks on a background with the CIELCh color 68, 4.698, 324.614.

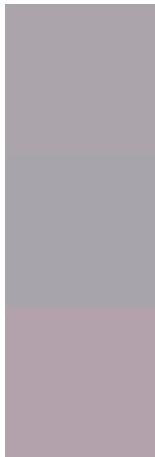


This preview shows how white text looks on a background with the CIELCh color 68, 4.698, 324.614.

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, 4.698, 324.614

Protanopia

68, 3.404, 303.219

Deuteranopia

68, 8.798, 341.523



Tritanopia
68, 7.798, 313.278

Trichromacy



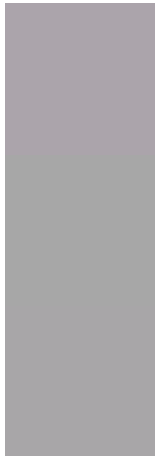
Original Color
68, 4.698, 324.614

Protanomaly
68, 3.510, 309.189

Deuteranomaly
68, 7.284, 337.213

Tritanomaly
68, 6.797, 316.827

Monochromacy



Original Color
68, 4.698, 324.614

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 1.349, 324.338

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 4.698, 324.614 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(171, 164, 171)` looks like.

```
.text, #text, p{  
    color:rgb(171, 164, 171)  
}
```

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(171, 164, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 164, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 4.698, 324.614 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(171, 164, 171) }
```

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

```
.border{ border-color:rgb(171, 164, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 164, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 164, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 164, 171);  
box-shadow:4px 4px 4px 4px rgb(171, 164,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 4.698, 324.614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 164, 171) }
```

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

```
.background{ background-color: rgb(171,  
164, 171) }
```

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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