

Converting Colors

CIELCh(68, 15.333, 343.391)

Have a look what the booklet for
CIELCh(68, 15.333, 343.391)
contains.

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Color

CIELCh(68, 15.333, 343.391)

Conversions

Conversions Part 1

Format	Color
Hex	BD9DAE
RGB	189, 157, 174
RGB Percent	74%, 62%, 68%
CMY	0.2590, 0.3844, 0.3178
CMYK	0.00, 0.17, 0.08, 0.26
HSL	328°, 20%, 68%
HSV	328°, 17%, 74%
XYZ	40.6659, 37.9720, 45.2134
YIQ	168.5060, 13.6150, 12.0710

Conversions

Conversions Part 2

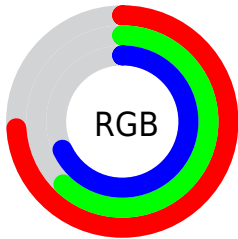
Format	Color
R_{YB}	189, 157, 174
Decimal	12426670
CIE _{Lab}	68.00, 14.69, -4.38
CIE _{LCh}	68, 15.333, 343.391
Yxy	37.9720, 0.3283, 0.3066
Android (android.graphics.Color)	4290616750 (0xFFBD9DAE)
YUV	168.5060, 2.7085, 17.9732
Hunter-Lab	61.6215, 9.9601, -0.3677

Details

The CIELCh color **68, 15.333, 343.391** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **74, 15.054, 160.609**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 14.854, 343.954**, and **48, 15.030, 342.683** is the 20% darker color. If you saturate the color by 10%, you get **63, 24.549, 344.355**, and if you desaturate by 10%, it is **73, 6.211, 342.498**.

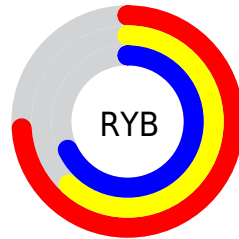
Distribution



Red (74%)

Green (62%)

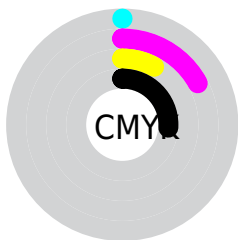
Blue (68%)



Red (74%)

Yellow (62%)

Blue (68%)

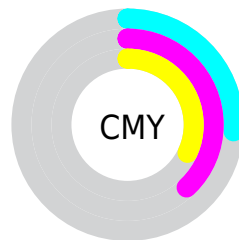


Cyan (0%)

Magenta (17%)

Yellow (8%)

Black (26%)



Cyan (26%)


Magenta (38%)


Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 15.333, 343.391 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, 15.333, 343.391 by changing the saturation by 10% instead.


 68, 15.333,
343.391


 68, 15.333,
343.391


 100, 15.333,
343.391


 58, 15.333,
343.391


 88, 15.333,
343.391

 48, 15.333,
343.391

 98, 15.333,
343.391

 38, 15.333,
343.391

 28, 15.333,
343.391

 18, 15.333,
343.391

 8, 15.333, 343.391

 0, 15.333, 343.391

68, 15.333,
343.391

68, 15.333,
343.391

63, 24.549,
344.355

73, 6.211, 342.498

58, 33.691,
345.432

78, 2.703, 161.916

54, 42.493,
346.663

83, 11.356,
161.091

50, 50.591,
348.105

89, 19.722,
160.414

47, 57.539,
349.841

94, 27.796,
159.795

44, 62.877,
351.983

95, 26.923,
165.590


42, 66.272,
354.672


95, 24.440,
174.263

41, 67.749,

96, 22.573,
184.575

358.036

 96, 21.489,
196.291

 41, 68.078,
359.135

Harmonies

Complementary

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



68, 15.333, 343.391



74, 15.054, 160.609

Rectangle

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



68, 15.333, 343.391



68, 15.333, 33.391



68, 15.333, 163.391



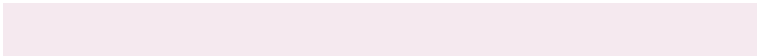
68, 15.333, 213.391

Sweetspot

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



68, 15.331, 343.393



93, 5.518, 342.325



67, 18.589, 308.698



49, 3.766, 342.392



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



68, 15.331, 343.393



84, 22.410, 343.709



68, 12.599, 17.898



37, 5.086, 342.714



34, 59.761, 358.556



3, 14.205, 349.765

Inverse Universe

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



68, 15.331, 343.393



84, 22.410, 343.709



74, 11.376, 195.631



37, 5.086, 342.714



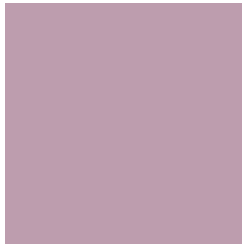
34, 59.761, 358.556



3, 14.205, 349.765

Previews

White Background



This preview shows how the CIELCh color 68, 15.333, 343.391 looks on a white background.

Color Contrast Check

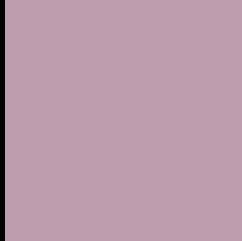
Large Text (above 18pt) WCAG AA × Fail

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, 15.333, 343.391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

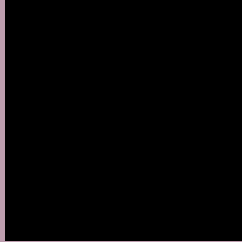
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 15.333, 343.391

Background



This preview shows how black text looks on a background with the CIELCh color 68, 15.333, 343.391.



This preview shows how white text looks on a background with the CIELCh color 68, 15.333, 343.391.

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, 15.333, 343.391

Protanopia
68, 7.716, 290.970

Deuteranopia
68, 9.513, 336.334



Tritanopia
68, 13.244, 350.877

Trichromacy



Original Color
68, 15.333, 343.391

Protanomaly
68, 9.445, 319.160

Deuteranomaly
68, 11.298, 341.253

Tritanomaly
68, 13.507, 348.832

Monochromacy



Original Color
68, 15.333, 343.391

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 5.644, 344.141

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 15.333, 343.391 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(189, 157, 174)` looks like.

```
.text, #text, p{  
    color:rgb(189, 157, 174)  
}
```

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(189, 157, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 157, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 15.333, 343.391 is called "border". The border property can be set on classes, ids or directly on the HTML element.

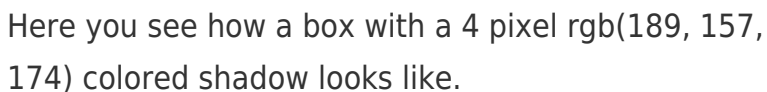
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 157, 174) }
```

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

```
.border{ border-color:rgb(189, 157, 174) }
```

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



Here you see how a box with a 4 pixel `rgb(189, 157, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 157, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 157, 174); box-shadow:4px 4px 4px 4px rgb(189, 157, 174) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 15.333, 343.391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 157, 174) }
```

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

```
.background{ background-color: rgb(189,  
157, 174) }
```

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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