

Converting Colors

CIELCh(68, 9.818, 328.540)

Have a look what the booklet for
CIELCh(68, 9.818, 328.540) contains.

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Color

CIELCh(68, 9.818, 328.540)

Conversions

Conversions Part 1

Format	Color
Hex	B1A1AF
RGB	177, 161, 175
RGB Percent	69%, 63%, 69%
CMY	0.3056, 0.3683, 0.3134
CMYK	0.00, 0.09, 0.01, 0.31
HSL	308°, 9%, 66%
HSV	308°, 9%, 69%
XYZ	38.6541, 37.9720, 45.8906
YIQ	167.3800, 5.0420, 7.7460

Conversions

Conversions Part 2

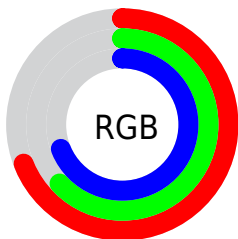
Format	Color
RYB	177, 161, 175
Decimal	11641263
CIELab	68.00, 8.37, -5.12
CIELCh	68, 9.818, 328.540
Yxy	37.9720, 0.3155, 0.3099
Android (android.graphics.Color)	4289831343 (0xFFB1A1AF)
YUV	167.3800, 3.7567, 8.4367
Hunter-Lab	61.6215, 4.1324, -1.0193

Details

The CIELCh color **68, 9.818, 328.540** is a light color, and the websafe version is hex **999999**. A complement of this color would be **71, 9.794, 147.521**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 9.950, 328.208**, and **48, 10.244, 326.921** is the 20% darker color. If you saturate the color by 10%, you get **63, 20.775, 329.145**, and if you desaturate by 10%, it is **73, 1.032, 148.247**.

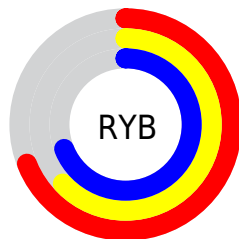
Distribution



Red (69%)

Green (63%)

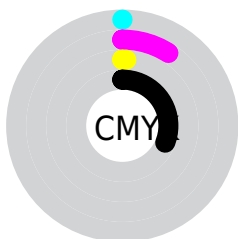
Blue (69%)



Red (69%)

Yellow (63%)

Blue (69%)

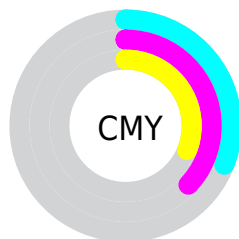


Cyan (0%)

Magenta (9%)

Yellow (1%)

Black (31%)



Cyan (31%)

Magenta (37%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 9.818, 328.540 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, 9.818, 328.540 by changing the saturation by 10% instead.

68, 9.818, 328.540

68, 9.818, 328.540

100, 9.818,
328.540

58, 9.818, 328.540

88, 9.818, 328.540

48, 9.818, 328.540

98, 9.818, 328.540

38, 9.818, 328.540

28, 9.818, 328.540

18, 9.818, 328.540

8, 9.818, 328.540

0, 9.818, 328.540

68, 9.818, 328.540

68, 9.818, 328.540

63, 20.775,

73, 1.032, 148.247

329.145

77, 11.666,
147.458

59, 31.687,
329.748

82, 22.028,
146.913

55, 42.315,
330.351

87, 32.091,
146.399

51, 52.338,
330.949

92, 41.843,
145.913

48, 61.349,
331.537

94, 44.114,
146.380

45, 68.894,
332.113

94, 43.215,
147.282

43, 74.549,
332.683

94, 42.324,
148.221

42, 78.039,
333.258

94, 41.440,
149.196

41, 79.600,
333.852

Harmonies

Complementary

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



68, 9.818, 328.540



71, 9.794, 147.521

Rectangle

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



68, 9.818, 328.540



68, 9.818, 18.540



68, 9.818, 148.540



68, 9.818, 198.540

Sweetspot

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



68, 9.816, 328.541



89, 4.011, 328.141



67, 8.891, 295.501



47, 3.038, 328.204



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



68, 9.816, 328.541



85, 14.775, 328.672



68, 6.998, 351.210



35, 6.194, 328.559



35, 71.661, 333.836



2, 14.316, 329.932

Inverse Universe

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



68, 9.816, 328.541



85, 14.775, 328.672



71, 6.865, 169.708



35, 6.194, 328.559



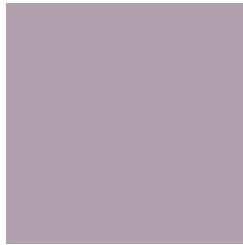
35, 71.661, 333.836



2, 14.316, 329.932

Previews

White Background



This preview shows how the CIELCh color 68, 9.818, 328.540 looks on a white background.

Color Contrast Check

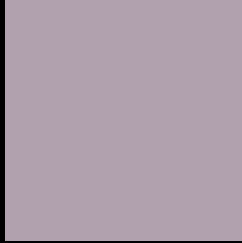
Large Text (above 18pt) WCAG AA × Fail

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, 9.818, 328.540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

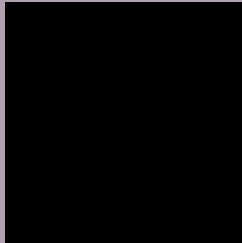
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 9.818, 328.540

Background



This preview shows how black text looks on a background with the CIELCh color 68, 9.818, 328.540.



This preview shows how white text looks on a background with the CIELCh color 68, 9.818, 328.540.

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, 9.818, 328.540

Protanopia

68, 6.615, 290.860

Deuteranopia

68, 10.053, 330.267



Tritanopia
68, 9.395, 330.614

Trichromacy



Original Color
68, 9.818, 328.540

Protanomaly
68, 6.897, 306.421

Deuteranomaly
68, 10.053, 330.267

Tritanomaly
68, 9.395, 330.614

Monochromacy



Original Color
68, 9.818, 328.540

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 3.587, 329.525

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 9.818, 328.540 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(177, 161, 175)` looks like.

```
.text, #text, p{  
    color:rgb(177, 161, 175)  
}
```

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(177, 161, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 161, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 9.818, 328.540 is called "border". The border property can be set on classes, ids or directly on the HTML element.

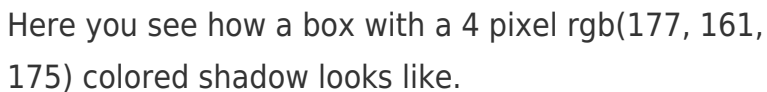
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 161, 175) }
```

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

```
.border{ border-color:rgb(177, 161, 175) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 161, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 161, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 161, 175);  
box-shadow:4px 4px 4px 4px rgb(177, 161,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 9.818, 328.540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 161, 175) }
```

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

```
.background{ background-color: rgb(177,  
161, 175) }
```

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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