

Converting Colors

CIELCh(68, 5.028, 299.135)

Have a look what the booklet for
CIELCh(68, 5.028, 299.135) contains.

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Color

CIELCh(68, 5.028, 299.182)

Conversions

Conversions Part 1

Format	Color
Hex	A7A5AE
RGB	167, 165, 174
RGB Percent	65%, 65%, 68%
CMY	0.3467, 0.3545, 0.3193
CMYK	0.04, 0.05, 0.00, 0.32
HSL	253°, 5%, 66%
HSV	253°, 5%, 68%
XYZ	36.8294, 37.9720, 45.2198
YIQ	166.6240, -1.6970, 3.2230

Conversions

Conversions Part 2

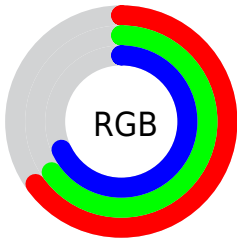
Format	Color
RYB	167, 165, 174
Decimal	10986926
CIELab	68.00, 2.45, -4.39
CIElCh	68, 5.028, 299.182
Yxy	37.9720, 0.3069, 0.3164
Android (android.graphics.Color)	4289177006 (0xFFA7A5AE)
YUV	166.6240, 3.6364, 0.3298
Hunter-Lab	61.6215, -1.1532, -0.3739

Details

The CIELCh color **68, 5.028, 299.182** is a light color, and the websafe version is hex **999999**. A complement of this color would be **71, 4.960, 118.512**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 4.769, 299.102**, and **48, 5.382, 299.319** is the 20% darker color. If you saturate the color by 10%, you get **62, 14.990, 299.904**, and if you desaturate by 10%, it is **74, 4.574, 118.549**.

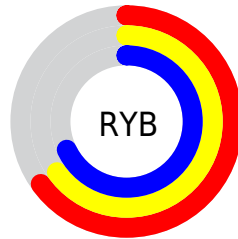
Distribution



Red (65%)

Green (65%)

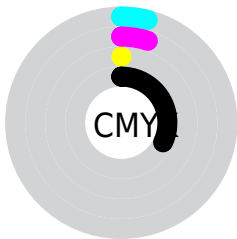
Blue (68%)



Red (65%)

Yellow (65%)

Blue (68%)

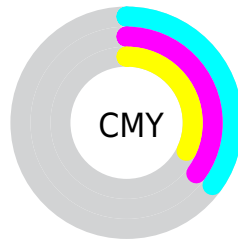


Cyan (4%)

Magenta (5%)

Yellow (0%)

Black (32%)



Cyan (35%)

Magenta (35%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 5.028, 299.182 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, 5.028, 299.182 by changing the saturation by 10% instead.

■ 68, 5.028, 299.182

■ 68, 5.028, 299.182

■ 100, 5.028,
299.182

■ 58, 5.028, 299.182

■ 88, 5.028, 299.182

■ 48, 5.028, 299.182

■ 98, 5.028, 299.182

■ 38, 5.028, 299.182

■ 28, 5.028, 299.182

■ 18, 5.028, 299.182

■ 8, 5.028, 299.182

■ 0, 5.028, 299.182

■ 68, 5.028, 299.182

■ 68, 5.028, 299.182

■ 62, 14.990,

■ 74, 4.574, 118.549

299.904

79, 13.829,
118.001

57, 25.330,
300.740

85, 22.761,
117.531

51, 36.043,
301.687

90, 31.389,
117.126

45, 47.091,
302.742

96, 39.734,
116.778

40, 58.360,
303.882

98, 40.903,
111.069

35, 69.585,
305.051

98, 40.788,
107.064

30, 80.232,
306.138

26, 89.391,
306.970

23, 95.893,
307.344

Harmonies

Complementary

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



68, 5.028, 299.182



71, 4.960, 118.512

Rectangle

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



68, 5.028, 299.182



68, 5.028, 349.182



68, 5.028, 119.182



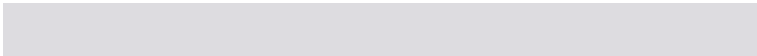
68, 5.028, 169.182

Sweetspot

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



68, 5.026, 299.173



88, 2.384, 298.959



70, 2.805, 221.769



47, 1.354, 298.951



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, 5.026, 299.173



85, 7.184, 299.237



68, 5.537, 316.442



35, 3.850, 299.265



18, 88.509, 307.574



1, 11.454, 297.261

Inverse Universe

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



69, 5.157, 331.574



86, 7.365, 331.640



70, 5.503, 136.074



35, 3.945, 331.669



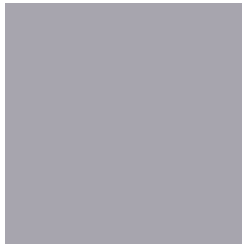
34, 65.859, 339.302



2, 11.213, 334.258

Previews

White Background



This preview shows how the CIELCh color 68, 5.028, 299.182 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, 5.028, 299.182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

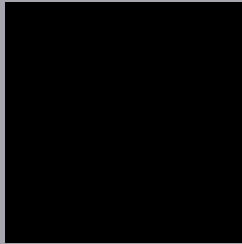
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

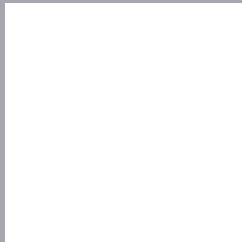
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 5.028, 299.182

Background



This preview shows how black text looks on a background with the CIELCh color 68, 5.028, 299.182.

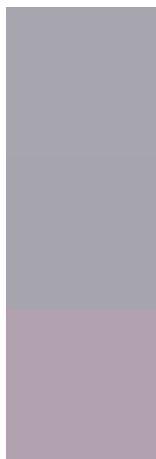


This preview shows how white text looks on a background with the CIELCh color 68, 5.028, 299.182.

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, 5.028, 299.182

Protanopia

68, 4.982, 294.961

Deuteranopia

68, 9.642, 332.368



Tritanopia
68, 7.273, 299.653

Trichromacy



Original Color
68, 5.028, 299.182

Protanomaly
68, 4.982, 294.961

Deuteranomaly
68, 8.040, 324.785

Tritanomaly
68, 6.729, 300.334

Monochromacy



Original Color
68, 5.028, 299.182

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 2.247, 300.041

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 5.028, 299.182 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(167, 165, 174)` looks like.

```
.text, #text, p{  
    color:rgb(167, 165, 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(167, 165, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 165, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 5.028, 299.182 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(167, 165, 174) }
```

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

```
.border{ border-color:rgb(167, 165, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 165, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 165, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 165, 174);  
box-shadow:4px 4px 4px 4px rgb(167, 165,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 5.028, 299.182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 165, 174) }
```

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

```
.background{ background-color: rgb(167,  
165, 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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