

Converting Colors

CIELCh(68, 4.696, 297.550)

Have a look what the booklet for
CIELCh(68, 4.696, 297.550) contains.

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Color

CIELCh(68, 4.433, 295.448)

Conversions

Conversions Part 1

Format	Color
Hex	A6A5AD
RGB	166, 165, 173
RGB Percent	65%, 65%, 68%
CMY	0.3495, 0.3534, 0.3221
CMYK	0.04, 0.05, 0.00, 0.32
HSL	247°, 5%, 66%
HSV	247°, 5%, 68%
XYZ	36.6639, 37.9720, 44.8689
YIQ	166.2110, -1.9720, 2.7000

Conversions

Conversions Part 2

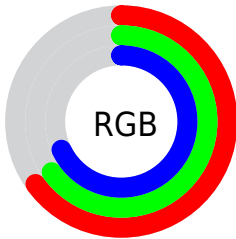
Format	Color
RYB	166, 165, 173
Decimal	10921389
CIELab	68.00, 1.90, -4.00
CIElCh	68, 4.433, 295.448
Yxy	37.9720, 0.3068, 0.3177
Android (android.graphics.Color)	4289111469 (0xFFA6A5AD)
YUV	166.2110, 3.3470, -0.1850
Hunter-Lab	61.6215, -1.6325, -0.0363

Details

The CIELCh color **68, 4.433, 295.448** is a light color, and the websafe version is hex **999999**. A complement of this color would be **70, 4.373, 114.720**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 4.205, 295.365**, and **48, 4.746, 295.592** is the 20% darker color. If you saturate the color by 10%, you get **62, 14.270, 296.305**, and if you desaturate by 10%, it is **74, 5.034, 114.683**.

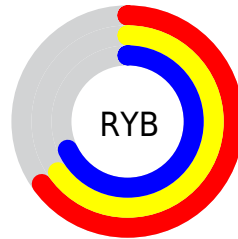
Distribution



Red (65%)

Green (65%)

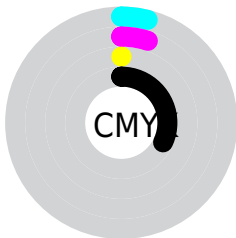
Blue (68%)



Red (65%)

Yellow (65%)

Blue (68%)

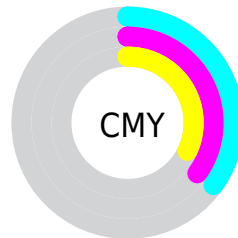


Cyan (4%)

Magenta (5%)

Yellow (0%)

Black (32%)



Cyan (35%)

Magenta (35%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 4.433, 295.448 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, 4.433, 295.448 by changing the saturation by 10% instead.

■ 68, 4.433, 295.448

■ 68, 4.433, 295.448

■ 100, 4.433,
295.448

■ 58, 4.433, 295.448

■ 88, 4.433, 295.448

■ 48, 4.433, 295.448

■ 98, 4.433, 295.448

■ 38, 4.433, 295.448

■ 28, 4.433, 295.448

■ 18, 4.433, 295.448

■ 8, 4.433, 295.448

■ 0, 4.433, 295.448

■ 68, 4.433, 295.448

■ 68, 4.433, 295.448

■ 62, 14.270,

■ 74, 5.034, 114.683

296.305

80, 14.151,
114.043

56, 24.505,
297.316

85, 22.942,
113.493

51, 35.149,
298.482

91, 31.430,
113.020

45, 46.190,
299.808

96, 39.635,
112.613

39, 57.546,
301.278

98, 41.133,
107.038

34, 68.989,
302.837

29, 79.997,
304.361

25, 89.587,
305.641

22, 96.396,
306.420

Harmonies

Complementary

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



68, 4.433, 295.448



70, 4.373, 114.720

Rectangle

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



68, 4.433, 295.448



68, 4.433, 345.448



68, 4.433, 115.448



68, 4.433, 165.448

Sweetspot

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



68, 4.431, 295.437



89, 1.185, 295.166



70, 2.664, 210.437



47, 0.673, 295.162



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, 4.431, 295.437



85, 7.125, 295.557



68, 4.799, 313.195



35, 3.818, 295.590



17, 89.509, 306.817



1, 11.385, 294.174

Inverse Universe

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



69, 4.915, 328.248



86, 7.891, 328.346



70, 4.763, 132.879



35, 4.227, 328.372



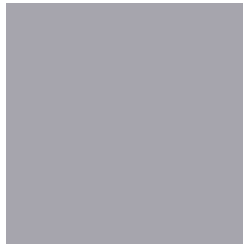
34, 70.813, 333.810



2, 12.259, 329.695

Previews

White Background



This preview shows how the CIELCh color 68, 4.433, 295.448 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, 4.433, 295.448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

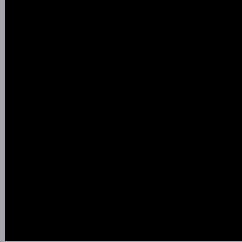
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

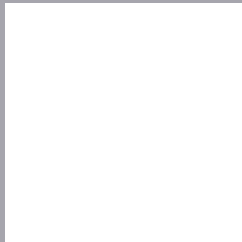
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 4.433, 295.448

Background



This preview shows how black text looks on a background with the CIELCh color 68, 4.433, 295.448.

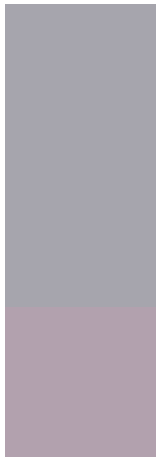


This preview shows how white text looks on a background with the CIELCh color 68, 4.433, 295.448.

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, 4.433, 295.448

Protanopia

68, 4.433, 295.448

Deuteranopia

68, 9.642, 332.368



Tritanopia
68, 7.273, 299.653

Trichromacy



Original Color

68, 4.433, 295.448

Protanomaly

68, 4.433, 295.448

Deuteranomaly

68, 8.040, 324.785

Tritanomaly

68, 6.729, 300.334

Monochromacy



Original Color

68, 4.433, 295.448

Achromatopsia

68, 0.008, 296.813

Achromatomaly

68, 1.658, 290.381

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 4.433, 295.448 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(166, 165, 173)` looks like.

```
.text, #text, p{  
    color:rgb(166, 165, 173)  
}
```

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(166, 165, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 165, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 4.433, 295.448 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(166, 165, 173) }
```

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

```
.border{ border-color:rgb(166, 165, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 165, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 165, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 165, 173);  
box-shadow:4px 4px 4px 4px rgb(166, 165,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 4.433, 295.448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 165, 173) }
```

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

```
.background{ background-color: rgb(166,  
165, 173) }
```

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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