

Converting Colors

CIELCh(68, 9.509, 299.965)

Have a look what the booklet for
CIELCh(68, 9.509, 299.965) contains.

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Color

CIELCh(68, 9.509, 299.965)

Conversions

Conversions Part 1

Format	Color
Hex	A8A4B5
RGB	168, 164, 181
RGB Percent	66%, 64%, 71%
CMY	0.3430, 0.3587, 0.2921
CMYK	0.07, 0.09, 0.00, 0.29
HSL	254°, 10%, 67%
HSV	254°, 9%, 71%
XYZ	37.5303, 37.9720, 48.8093
YIQ	167.1340, -3.0730, 6.1350

Conversions

Conversions Part 2

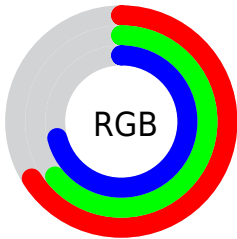
Format	Color
RYB	168, 164, 181
Decimal	11052213
CIELab	68.00, 4.75, -8.24
CIELCh	68, 9.509, 299.965
Yxy	37.9720, 0.3019, 0.3055
Android (android.graphics.Color)	4289242293 (0xFFA8A4B5)
YUV	167.1340, 6.8359, 0.7595
Hunter-Lab	61.6215, 0.8771, -3.8275

Details

The CIELCh color $68, 9.509, 299.965$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $73, 9.321, 118.755$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $88, 9.532, 299.361$, and $48, 9.598, 300.702$ is the 20% darker color. If you saturate the color by 10%, you get $62, 19.970, 300.718$, and if you desaturate by 10%, it is $74, 0.575, 119.346$.

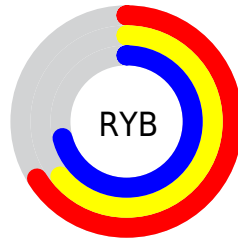
Distribution



Red (66%)

Green (64%)

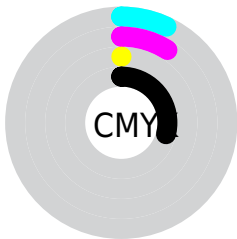
Blue (71%)



Red (66%)

Yellow (64%)

Blue (71%)

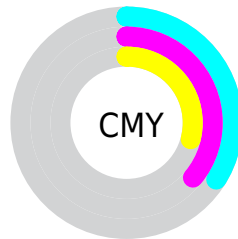


Cyan (7%)

Magenta (9%)

Yellow (0%)

Black (29%)



Cyan (34%)

Magenta (36%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 9.509, 299.965 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, 9.509, 299.965 by changing the saturation by 10% instead.

68, 9.509, 299.965

68, 9.509, 299.965

100, 9.509,
299.965

58, 9.509, 299.965

88, 9.509, 299.965

48, 9.509, 299.965

98, 9.509, 299.965

38, 9.509, 299.965

28, 9.509, 299.965

18, 9.509, 299.965

8, 9.509, 299.965

0, 9.509, 299.965

68, 9.509, 299.965

68, 9.509, 299.965

62, 19.970,

74, 0.575, 119.346

300.718

80, 10.294,
118.740

56, 30.819,
301.579

85, 19.669,
118.248

50, 42.037,
302.547

91, 28.722,
117.825

45, 53.552,
303.610

97, 37.474,
117.461

39, 65.185,
304.731

98, 37.442,
110.054

34, 76.554,
305.833

98, 37.390,
107.327

29, 86.945,
306.781

26, 95.266,
307.382

23, 100.886,
307.577

Harmonies

Complementary

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



68, 9.509, 299.965



73, 9.321, 118.755

Rectangle

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



68, 9.509, 299.965



68, 9.509, 349.965



68, 9.509, 119.965



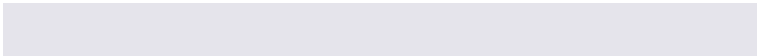
68, 9.509, 169.965

Sweetspot

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



68, 9.507, 299.961



91, 3.714, 299.527



71, 5.171, 223.916



48, 2.815, 299.581



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



68, 9.507, 299.961



85, 13.795, 300.088



69, 10.474, 317.155



35, 5.668, 299.954



19, 89.451, 307.695



1, 13.442, 297.281

Inverse Universe

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



69, 9.610, 332.353



86, 13.916, 332.473



72, 10.399, 136.389



35, 5.730, 332.347



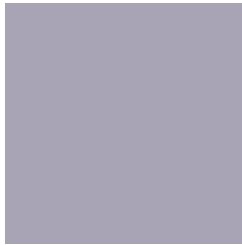
34, 66.037, 340.153



2, 12.905, 335.363

Previews

White Background



This preview shows how the CIELCh color 68, 9.509, 299.965 looks on a white background.

Color Contrast Check

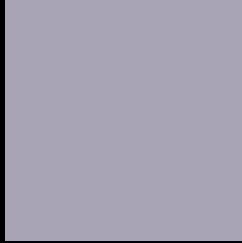
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 68, 9.509, 299.965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

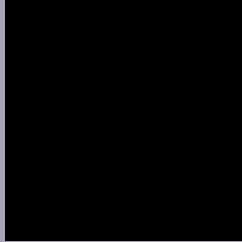
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 9.509, 299.965

Background



This preview shows how black text looks on a background with the CIELCh color 68, 9.509, 299.965.



This preview shows how white text looks on a background with the CIELCh color 68, 9.509, 299.965.

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, 9.509, 299.965

Protanopia

68, 8.819, 288.720

Deuteranopia

68, 12.238, 316.178



Tritanopia
68, 7.273, 299.653

Trichromacy



Original Color
68, 9.509, 299.965

Protanomaly
68, 9.390, 293.357

Deuteranomaly
68, 11.157, 310.428

Tritanomaly
68, 7.817, 299.074

Monochromacy



Original Color
68, 9.509, 299.965

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 3.334, 296.955

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 9.509, 299.965 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(168, 164, 181)` looks like.

```
.text, #text, p{  
    color:rgb(168, 164, 181)  
}
```

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(168, 164, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 164, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 9.509, 299.965 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(168, 164, 181) }
```

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

```
.border{ border-color:rgb(168, 164, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 164, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 164, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 164, 181);  
box-shadow:4px 4px 4px 4px rgb(168, 164,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 9.509, 299.965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 164, 181) }
```

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

```
.background{ background-color: rgb(168,  
164, 181) }
```

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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