

Converting Colors

CIELCh(68, 5.149, 311.750)

Have a look what the booklet for
CIELCh(68, 5.149, 311.750) contains.

CIELCh(68, 5.327, 311.178)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(68, 5.327, 311.178)

Conversions

Conversions Part 1

Format	Color
Hex	A9A4AD
RGB	169, 164, 173
RGB Percent	66%, 64%, 68%
CMY	0.3375, 0.3571, 0.3218
CMYK	0.02, 0.05, 0.00, 0.32
HSL	273°, 5%, 66%
HSV	273°, 5%, 68%
XYZ	37.1503, 37.9720, 44.8749
YIQ	166.5210, 0.0910, 3.8590

Conversions

Conversions Part 2

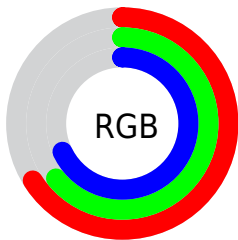
Format	Color
RYB	169, 164, 173
Decimal	11117741
CIELab	68.00, 3.51, -4.01
CIELCh	68, 5.327, 311.178
Yxy	37.9720, 0.3096, 0.3164
Android (android.graphics.Color)	4289307821 (0xFFA9A4AD)
YUV	166.5210, 3.1941, 2.1741
Hunter-Lab	61.6215, -0.2236, -0.0420

Details

The CIELCh color **68, 5.327, 311.178** is a light color, and the websafe version is hex **999999**. A complement of this color would be **70, 5.279, 130.789**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 5.054, 311.122**, and **48, 5.700, 311.270** is the 20% darker color. If you saturate the color by 10%, you get **63, 15.758, 311.628**, and if you desaturate by 10%, it is **73, 4.826, 130.817**.

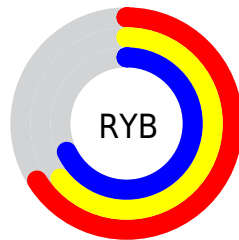
Distribution



Red (66%)

Green (64%)

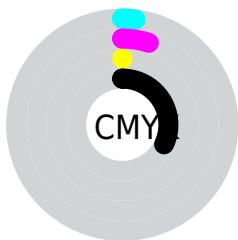
Blue (68%)



Red (66%)

Yellow (64%)

Blue (68%)

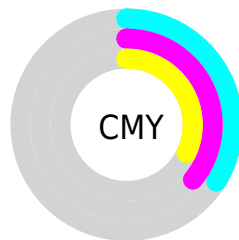


Cyan (2%)

Magenta (5%)

Yellow (0%)

Black (32%)



Cyan (34%)

Magenta (36%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 5.327, 311.178 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, 5.327, 311.178 by changing the saturation by 10% instead.

■ 68, 5.327, 311.178

■ 68, 5.327, 311.178

■ 100, 5.327,
311.178

■ 58, 5.327, 311.178

■ 88, 5.327, 311.178

■ 48, 5.327, 311.178

■ 98, 5.327, 311.178

■ 38, 5.327, 311.178

■ 28, 5.327, 311.178

■ 18, 5.327, 311.178

■ 8, 5.327, 311.178

■ 0, 5.327, 311.178

■ 68, 5.327, 311.178

■ 68, 5.327, 311.178

■ 63, 15.758,

■ 73, 4.826, 130.817

311.628

78, 14.679,
130.434

58, 26.437,
312.100

84, 24.236,
130.103

53, 37.285,
312.586

89, 33.501,
129.810

48, 48.165,
313.067

94, 42.487,
129.552

43, 58.845,
313.507

96, 44.023,
127.069

39, 68.958,
313.855

96, 43.060,
123.580

35, 77.979,
314.036

97, 42.268,
119.882

32, 85.253,
313.958

97, 41.668,
116.001

29, 90.182,
313.531

Harmonies

Complementary

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



68, 5.327, 311.178



70, 5.279, 130.789

Rectangle

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



68, 5.327, 311.178



68, 5.327, 1.178



68, 5.327, 131.178



68, 5.327, 181.178

Sweetspot

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



68, 5.325, 311.173



88, 2.526, 311.006



69, 3.087, 261.387



47, 1.434, 310.997



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, 5.325, 311.173



85, 7.600, 311.215



68, 5.826, 326.053



35, 4.072, 311.234



24, 83.057, 313.411



1, 11.949, 307.682

Inverse Universe

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



68, 4.083, 347.097



86, 5.828, 347.189



70, 5.810, 145.554



35, 3.123, 347.230



32, 56.952, 6.481



2, 8.869, 351.766

Previews

White Background



This preview shows how the CIELCh color 68, 5.327, 311.178 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, 5.327, 311.178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

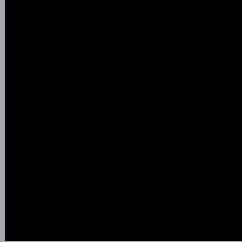
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

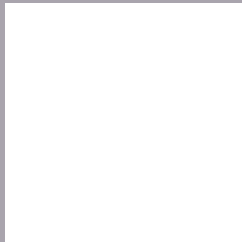
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 5.327, 311.178

Background



This preview shows how black text looks on a background with the CIELCh color 68, 5.327, 311.178.



This preview shows how white text looks on a background with the CIELCh color 68, 5.327, 311.178.

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, 5.327, 311.178

Protanopia

68, 4.433, 295.448

Deuteranopia

68, 9.642, 332.368



Tritanopia
68, 7.541, 308.037

Trichromacy



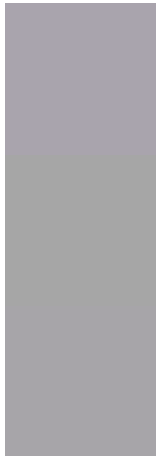
Original Color
68, 5.327, 311.178

Protanomaly
68, 4.485, 300.189

Deuteranomaly
68, 8.258, 326.970

Tritanomaly
68, 7.017, 309.352

Monochromacy



Original Color
68, 5.327, 311.178

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 2.344, 309.125

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 5.327, 311.178 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(169, 164, 173)` looks like.

```
.text, #text, p{  
    color:rgb(169, 164, 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(169, 164, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 164, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 5.327, 311.178 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(169, 164, 173) }
```

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

```
.border{ border-color:rgb(169, 164, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 164, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 164, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 164, 173);  
box-shadow:4px 4px 4px 4px rgb(169, 164,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 5.327, 311.178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 164, 173) }
```

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

```
.background{ background-color: rgb(169,  
164, 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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