

Converting Colors

CIELCh(68, 5.319, 130.792)

Have a look what the booklet for
CIELCh(68, 5.319, 130.792) contains.

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Color

CIELCh(68, 5.317, 130.786)

Conversions

Conversions Part 1

Format	Color
Hex	A2A79E
RGB	162, 167, 158
RGB Percent	64%, 65%, 62%
CMY	0.3633, 0.3436, 0.3790
CMYK	0.03, 0.00, 0.05, 0.34
HSL	93°, 5%, 64%
HSV	93°, 5%, 66%
XYZ	35.0626, 37.9720, 37.9922
YIQ	164.4790, -0.0910, -3.8590

Conversions

Conversions Part 2

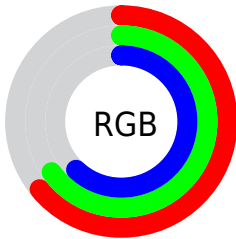
Format	Color
RYB	158, 167, 163
Decimal	10659742
CIELab	68.00, -3.47, 4.03
CIELCh	68, 5.317, 130.786
Yxy	37.9720, 0.3158, 0.3420
Android (android.graphics.Color)	4288849822 (0xFFA2A79E)
YUV	164.4790, -3.1941, -2.1741
Hunter-Lab	61.6215, -6.2712, 6.5802

Details

The CIELCh color **68, 5.317, 130.786** is a light color, and the websafe version is hex **999999**. A complement of this color would be **66, 5.366, 311.192**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 5.037, 130.845**, and **48, 5.151, 133.058** is the 20% darker color. If you saturate the color by 10%, you get **67, 15.250, 130.338**, and if you desaturate by 10%, it is **69, 4.562, 311.147**.

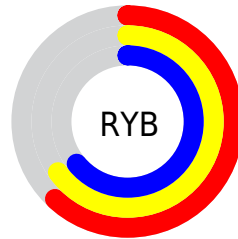
Distribution



Red (64%)

Green (65%)

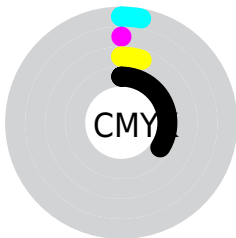
Blue (62%)



Red (62%)

Yellow (65%)

Blue (64%)

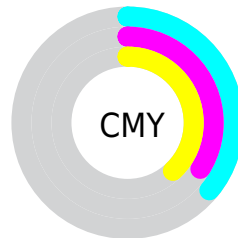


Cyan (3%)

Magenta (0%)

Yellow (5%)

Black (34%)



Cyan (36%)

Magenta (34%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 5.317, 130.786 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, 5.317, 130.786 by changing the saturation by 10% instead.

■ 68, 5.317, 130.786

■ 68, 5.317, 130.786

■ 100, 5.317,
130.786

■ 58, 5.317, 130.786

■ 88, 5.317, 130.786

■ 48, 5.317, 130.786

■ 98, 5.317, 130.786

■ 38, 5.317, 130.786

■ 28, 5.317, 130.786

■ 18, 5.317, 130.786

■ 8, 5.317, 130.786

■ 0, 5.317, 130.786

■ 68, 5.317, 130.786

■ 68, 5.317, 130.786

■ 67, 15.250,

■ 69, 4.562, 311.147

130.338

70, 14.344,
311.531

66, 25.164,
129.869

72, 23.994,
311.863

65, 34.966,
129.388

73, 33.489,
312.157

64, 44.523,
128.922

75, 42.813,
312.417

63, 53.643,
128.516

76, 50.095,
313.374

63, 62.055,
128.240

77, 51.032,
316.773

62, 69.398,
128.196

78, 52.126,
320.094

62, 75.258,
128.506

79, 53.371,
323.319

61, 79.331,
129.267

Harmonies

Complementary

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



68, 5.317, 130.786



66, 5.366, 311.192

Rectangle

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



68, 5.317, 130.786



68, 5.317, 180.786



68, 5.317, 310.786



68, 5.317, 0.786

Sweetspot

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



68, 5.319, 130.792



86, 2.430, 130.968



67, 3.126, 79.881



46, 1.393, 130.976



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



68, 5.319, 130.792



86, 7.321, 130.758



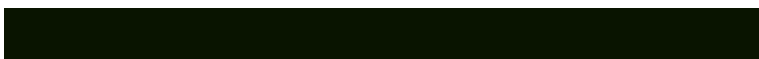
68, 5.854, 145.543



35, 3.935, 130.740



54, 73.744, 129.487



5, 10.433, 133.069

Inverse Universe

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



66, 5.366, 311.192



83, 7.389, 311.225



66, 5.870, 326.064



34, 3.973, 311.243



23, 82.008, 313.436



1, 10.107, 308.376

Previews

White Background



This preview shows how the CIELCh color 68, 5.317, 130.786 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, 5.317, 130.786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

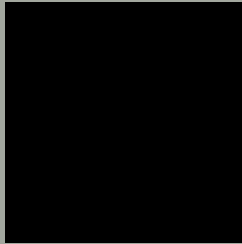
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

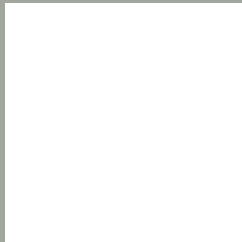
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 5.317, 130.786

Background



This preview shows how black text looks on a background with the CIELCh color 68, 5.317, 130.786.



This preview shows how white text looks on a background with the CIELCh color 68, 5.317, 130.786.

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, 5.317, 130.786

Protanopia

68, 4.954, 81.666

Deuteranopia

68, 9.369, 20.210



Tritanopia
68, 7.739, 293.686

Trichromacy



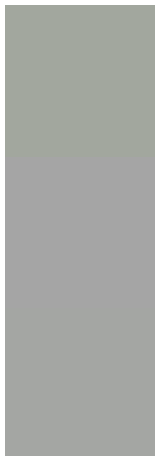
Original Color
68, 5.317, 130.786

Protanomaly
68, 4.988, 100.734

Deuteranomaly
68, 5.498, 43.219

Tritanomaly
68, 3.327, 284.106

Monochromacy



Original Color
68, 5.317, 130.786

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 1.817, 134.679

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 5.317, 130.786 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(162, 167, 158)` looks like.

```
.text, #text, p{  
    color:rgb(162, 167, 158)  
}
```

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(162, 167, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 167, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 5.317, 130.786 is called "border". The border property can be set on classes, ids or directly on the HTML element.

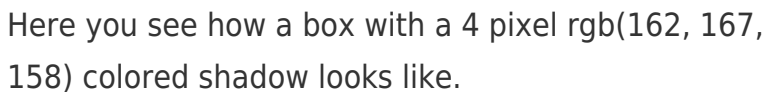
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(162, 167, 158) }
```

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

```
.border{ border-color:rgb(162, 167, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(162, 167, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(162, 167, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(162, 167, 158); box-shadow:4px 4px 4px 4px rgb(162, 167, 158) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 5.317, 130.786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 167, 158) }
```

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

```
.background{ background-color: rgb(162,  
167, 158) }
```

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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