

Converting Colors

CIELCh(68, 2.768, 253.368)

Have a look what the booklet for
CIELCh(68, 2.768, 253.368) contains.

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Color

CIELCh(68, 2.643, 256.119)

Conversions

Conversions Part 1

Format	Color
Hex	A2A6AA
RGB	162, 166, 170
RGB Percent	64%, 65%, 67%
CMY	0.3638, 0.3481, 0.3324
CMYK	0.05, 0.02, 0.00, 0.33
HSL	210°, 5%, 65%
HSV	210°, 5%, 67%
XYZ	35.9020, 37.9720, 43.5817
YIQ	165.2600, -3.6680, 0.3960

Conversions

Conversions Part 2

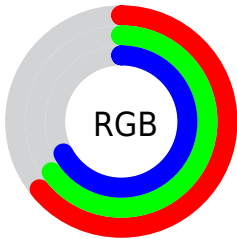
Format	Color
RYB	162, 165, 170
Decimal	10659498
CIELab	68.00, -0.63, -2.57
CIElCh	68, 2.643, 256.119
Yxy	37.9720, 0.3057, 0.3233
Android (android.graphics.Color)	4288849578 (0xFFA2A6AA)
YUV	165.2600, 2.3368, -2.8590
Hunter-Lab	61.6215, -3.8396, 1.2022

Details

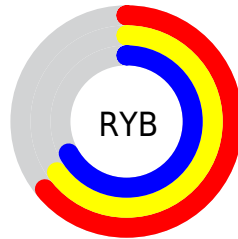
The CIELCh color $68, 2.643, 256.119$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 2.660, 74.702$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $88, 2.511, 256.019$, and $48, 2.820, 256.325$ is the 20% darker color. If you saturate the color by 10%, you get $64, 8.215, 257.388$, and if you desaturate by 10%, it is $72, 2.973, 74.668$.

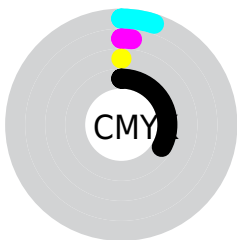
Distribution



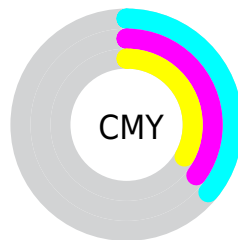
- Red (64%)
- Green (65%)
- Blue (67%)



- Red (64%)
- Yellow (65%)
- Blue (67%)



- Cyan (5%)
- Magenta (2%)
- Yellow (0%)
- Black (33%)



- Cyan (36%)
- Magenta (35%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 2.643, 256.119 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, 2.643, 256.119 by changing the saturation by 10% instead.

■ 68, 2.643, 256.119

■ 68, 2.643, 256.119

■ 100, 2.643,
256.119

■ 58, 2.643, 256.119

■ 88, 2.643, 256.119

■ 48, 2.643, 256.119

■ 98, 2.643, 256.119

■ 38, 2.643, 256.119

■ 28, 2.643, 256.119

■ 18, 2.643, 256.119

■ 8, 2.643, 256.119

■ 0, 2.643, 256.119

■ 68, 2.643, 256.119

■ 68, 2.643, 256.119

■ 64, 8.215, 257.388

■ 72, 2.973, 74.668

61, 13.724,
259.016

75, 8.611, 73.731

57, 19.147,
260.961

79, 14.253, 72.877

54, 24.469,
263.275

82, 19.884, 72.129

50, 29.684,
266.014

86, 25.492, 71.473

47, 34.807,
269.223

89, 28.824, 76.747

44, 39.879,
272.914

91, 30.956, 85.831

41, 44.968,
277.042

93, 33.762, 93.504

38, 50.158,
281.477

Harmonies

Complementary

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



68, 2.643, 256.119



68, 2.660, 74.702

Rectangle

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



68, 2.643, 256.119



68, 2.643, 306.119



68, 2.643, 76.119



68, 2.643, 126.119

Sweetspot

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



68, 2.642, 256.082



88, 0.704, 256.067



69, 3.791, 162.485



47, 0.404, 256.093



95, 0.011, 296.813



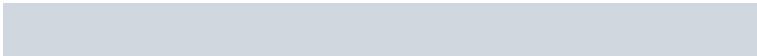
47, 0.006, 296.813

Same Dimension

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



68, 2.642, 256.082



86, 4.179, 256.236



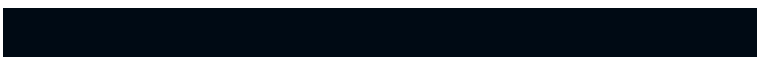
67, 4.353, 289.987



34, 2.203, 256.281



32, 47.256, 283.174



2, 6.101, 262.545

Inverse Universe

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



67, 3.779, 343.916



85, 5.992, 344.054



69, 4.296, 109.048



34, 3.161, 344.091



31, 56.548, 1.150



2, 7.802, 347.564

Previews

White Background



This preview shows how the CIELCh color 68, 2.643, 256.119 looks on a white background.

Color Contrast Check

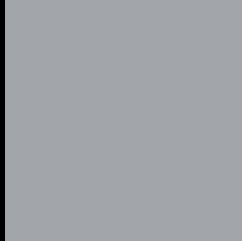
Large Text (above 18pt) WCAG AA × Fail

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, 2.643, 256.119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

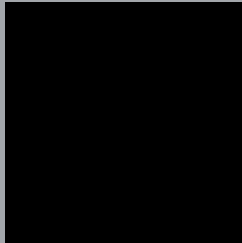
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

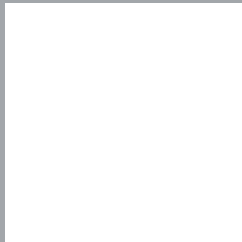
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 2.643, 256.119

Background



This preview shows how black text looks on a background with the CIELCh color 68, 2.643, 256.119.



This preview shows how white text looks on a background with the CIELCh color 68, 2.643, 256.119.

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, 2.643, 256.119

Protanopia

68, 2.344, 309.125

Deuteranopia

68, 8.798, 341.523



Tritanopia
68, 7.191, 285.083

Trichromacy



Original Color
68, 2.643, 256.119

Protanomaly
68, 2.210, 290.429

Deuteranomaly
68, 5.832, 330.833

Tritanomaly
68, 5.551, 283.128

Monochromacy



Original Color
68, 2.643, 256.119

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 1.166, 271.522

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 2.643, 256.119 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, 166, 170)` looks like.

```
.text, #text, p{  
    color:rgb(162, 166, 170)  
}
```

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, 166, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 166, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 2.643, 256.119 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, 166, 170) }
```

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

```
.border{ border-color:rgb(162, 166, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 166, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 166, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 166, 170);  
box-shadow:4px 4px 4px 4px rgb(162, 166,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 2.643, 256.119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 166, 170) }
```

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

```
.background{ background-color: rgb(162,  
166, 170) }
```

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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