

Converting Colors

CIELCh(68, 5.168, 239.228)

Have a look what the booklet for
CIELCh(68, 5.168, 239.228) contains.

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Color

CIELCh(68, 5.513, 243.730)

Conversions

Conversions Part 1	
Format	Color
Hex	9CA7AE
RGB	156, 167, 174
RGB Percent	61%, 65%, 68%
CMY	0.3866, 0.3434, 0.3160
CMYK	0.10, 0.04, 0.00, 0.32
HSL	203°, 10%, 65%
HSV	203°, 10%, 68%
XYZ	35.3665, 37.9720, 45.7251
YIQ	164.5090, -8.8030, -0.1550

Conversions

Conversions Part 2

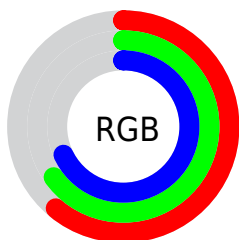
Format	Color
RYB	156, 163, 174
Decimal	10266542
CIELab	68.00, -2.44, -4.94
CIELCh	68, 5.513, 243.730
Yxy	37.9720, 0.2970, 0.3189
Android (android.graphics.Color)	4288456622 (0xFF9CA7AE)
YUV	164.5090, 4.6791, -7.4624
Hunter-Lab	61.6215, -5.3907, -0.8601

Details

The CIELCh color $68, 5.513, 243.730$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 5.752, 61.463$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $88, 5.255, 243.480$, and $48, 5.587, 246.948$ is the 20% darker color. If you saturate the color by 10%, you get $65, 10.684, 244.986$, and if you desaturate by 10%, it is $71, 0.181, 244.820$.

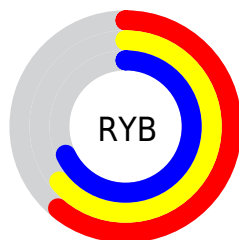
Distribution



Red (61%)

Green (65%)

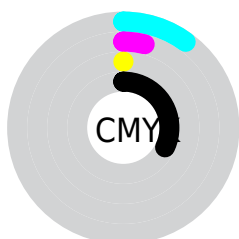
Blue (68%)



Red (61%)

Yellow (64%)

Blue (68%)

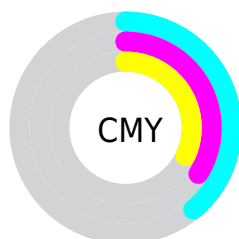


Cyan (10%)

Magenta (4%)

Yellow (0%)

Black (32%)



Cyan (39%)


Magenta (34%)


Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 5.513, 243.730 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, 5.513, 243.730 by changing the saturation by 10% instead.

 68, 5.513, 243.730


 68, 5.513, 243.730


 100, 5.513,
243.730


 58, 5.513, 243.730


 88, 5.513, 243.730

 48, 5.513, 243.730

 98, 5.513, 243.730


 38, 5.513, 243.730

 28, 5.513, 243.730

 18, 5.513, 243.730

 8, 5.513, 243.730

 0, 5.513, 243.730

 68, 5.513, 243.730

 68, 5.513, 243.730

 65, 10.684,

 71, 0.181, 244.820

244.986	74, 5.274, 61.590
62, 15.652, 246.570	78, 10.816, 60.886
59, 20.375, 248.513	81, 16.418, 60.274
56, 24.816, 250.885	84, 22.057, 59.752
53, 28.954, 253.762	87, 25.833, 62.675
51, 32.796, 257.208	88, 26.545, 71.674
48, 36.391, 261.251	90, 27.882, 79.968
46, 39.834, 265.849	92, 29.751, 87.315
44, 43.190, 270.532	

Harmonies

Complementary

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



68, 5.513, 243.730



68, 5.752, 61.463

Rectangle

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



68, 5.513, 243.730



68, 5.513, 293.730



68, 5.513, 63.730



68, 5.513, 113.730

Sweetspot

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



68, 5.513, 243.713



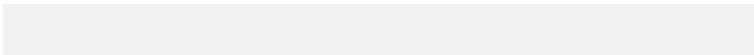
89, 2.007, 243.082



70, 9.159, 157.126



47, 1.531, 243.114



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



68, 5.513, 243.713



86, 7.915, 243.929



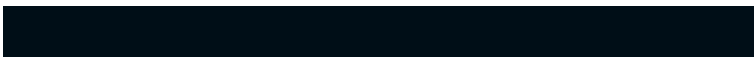
66, 8.851, 286.142



35, 3.013, 243.600



38, 38.387, 269.873



3, 6.769, 253.738

Inverse Universe

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



66, 9.197, 338.839



83, 13.262, 338.990



70, 8.696, 103.896



34, 5.014, 338.757



32, 59.431, 351.415



2, 9.813, 342.826

Previews

White Background



This preview shows how the CIE LCh color 68, 5.513, 243.730 looks on a white background.

Color Contrast Check

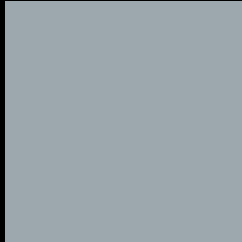
Large Text (above 18pt) WCAG AA × Fail

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, 5.513, 243.730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

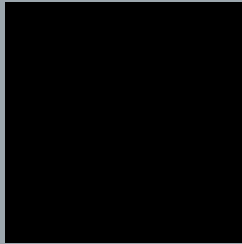
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

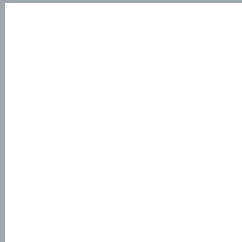
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 5.513, 243.730

Background



This preview shows how black text looks on a background with the CIELCh color 68, 5.513, 243.730.

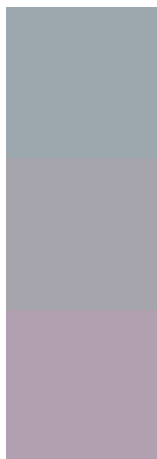


This preview shows how white text looks on a background with the CIELCh color 68, 5.513, 243.730.

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, 5.513, 243.730

Protanopia

68, 4.433, 295.448

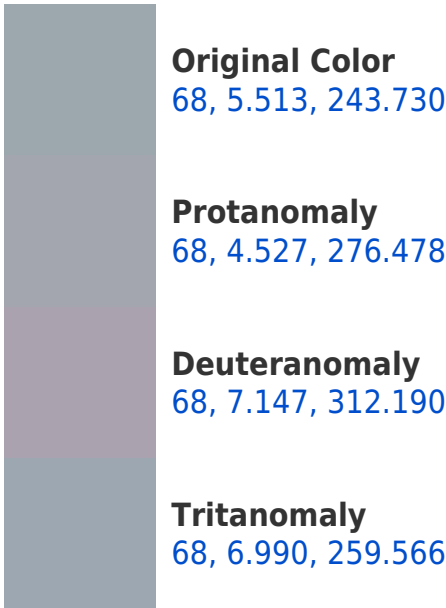
Deuteranopia

68, 10.253, 326.644

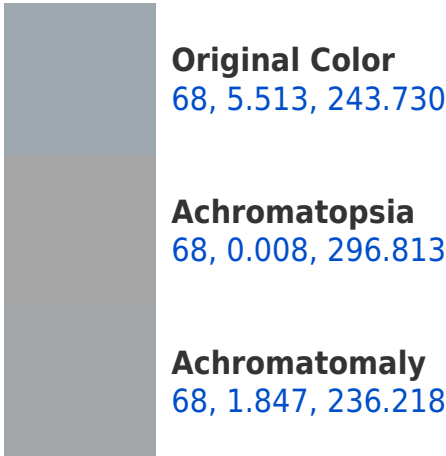


Tritanopia
68, 7.941, 263.905

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 5.513, 243.730 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(156, 167, 174)` looks like.

```
.text, #text, p{  
    color:rgb(156, 167, 174)  
}
```

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(156, 167, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 167, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 5.513, 243.730 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(156, 167, 174) }
```

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

```
.border{ border-color:rgb(156, 167, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 167, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 167, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 167, 174);  
box-shadow:4px 4px 4px 4px rgb(156, 167,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 5.513, 243.730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 167, 174) }
```

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

```
.background{ background-color: rgb(156,  
167, 174) }
```

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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