

Converting Colors

CIELCh(68, 4.816, 261.228)

Have a look what the booklet for
CIELCh(68, 4.816, 261.228) contains.

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Color

CIELCh(68, 4.893, 263.842)

Conversions

Conversions Part 1

Format	Color
Hex	A0A6AE
RGB	160, 166, 174
RGB Percent	63%, 65%, 68%
CMY	0.3712, 0.3477, 0.3163
CMYK	0.08, 0.05, 0.00, 0.32
HSL	214°, 8%, 66%
HSV	214°, 8%, 68%
XYZ	35.9345, 37.9720, 45.6530
YIQ	165.1180, -6.1440, 1.2160

Conversions

Conversions Part 2

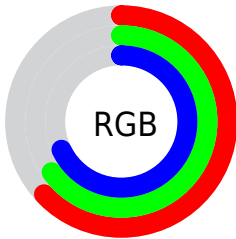
Format	Color
RYB	160, 164, 174
Decimal	10528430
CIELab	68.00, -0.52, -4.86
CIElCh	68, 4.893, 263.842
Yxy	37.9720, 0.3006, 0.3176
Android (android.graphics.Color)	4288718510 (0xFFA0A6AE)
YUV	165.1180, 4.3788, -4.4885
Hunter-Lab	61.6215, -3.7453, -0.7907

Details

The CIELCh color $68, 4.893, 263.842$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 4.936, 81.667$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $88, 4.649, 263.610$, and $48, 5.069, 268.205$ is the 20% darker color. If you saturate the color by 10%, you get $64, 10.988, 265.295$, and if you desaturate by 10%, it is $72, 1.187, 82.244$.

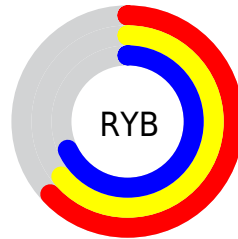
Distribution



Red (63%)

Green (65%)

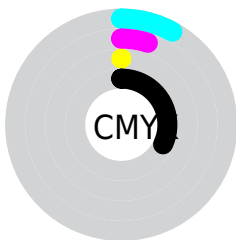
Blue (68%)



Red (63%)

Yellow (64%)

Blue (68%)

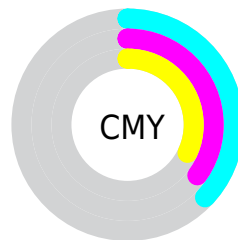


Cyan (8%)

Magenta (5%)

Yellow (0%)

Black (32%)



Cyan (37%)

Magenta (35%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 4.893, 263.842 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, 4.893, 263.842 by changing the saturation by 10% instead.

■ 68, 4.893, 263.842

■ 68, 4.893, 263.842

■ 100, 4.893,
263.842

■ 58, 4.893, 263.842

■ 88, 4.893, 263.842

■ 48, 4.893, 263.842

■ 98, 4.893, 263.842

■ 38, 4.893, 263.842

■ 28, 4.893, 263.842

■ 18, 4.893, 263.842

■ 8, 4.893, 263.842

■ 0, 4.893, 263.842

■ 68, 4.893, 263.842

■ 68, 4.893, 263.842

■ 64, 10.988,

■ 72, 1.187, 82.244

265.295

76, 7.237, 81.335

60, 17.090,
267.048

80, 13.247, 80.394

56, 23.189,
269.117

84, 19.208, 79.563

52, 29.287,
271.549

88, 25.112, 78.831

48, 35.397,
274.386

94, 32.394, 94.368

45, 41.550,
277.650

96, 36.401,
101.808

41, 47.795,
281.319

98, 40.419,
107.093

38, 54.185,
285.301

35, 60.753,
289.370

Harmonies

Complementary

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



68, 4.893, 263.842



69, 4.936, 81.667

Rectangle

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



68, 4.893, 263.842



68, 4.893, 313.842



68, 4.893, 83.842



68, 4.893, 133.842

Sweetspot

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



68, 4.892, 263.824



89, 1.514, 263.199



70, 6.234, 166.779



48, 0.868, 263.198



96, 0.011, 296.813



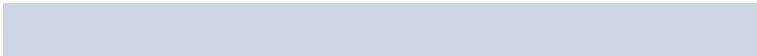
48, 0.006, 296.813

Same Dimension

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



68, 4.892, 263.824



85, 7.547, 264.115



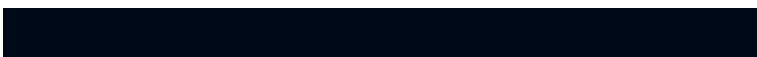
66, 7.771, 293.520



35, 3.433, 263.994



29, 55.000, 289.589



2, 7.833, 269.798

Inverse Universe

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



67, 6.307, 348.316



84, 9.759, 348.526



71, 7.625, 112.119



34, 4.433, 348.441



32, 56.971, 7.996



2, 8.800, 352.606

Previews

White Background



This preview shows how the CIELCh color 68, 4.893, 263.842 looks on a white background.

Color Contrast Check

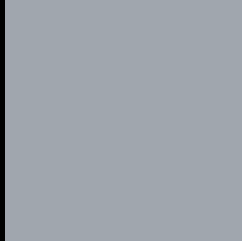
Large Text (above 18pt) WCAG AA × Fail

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, 4.893, 263.842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

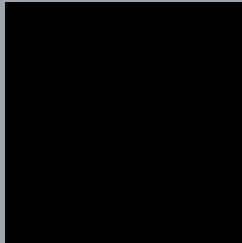
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

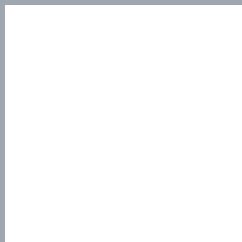
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 4.893, 263.842

Background



This preview shows how black text looks on a background with the CIELCh color 68, 4.893, 263.842.

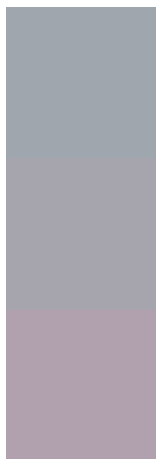


This preview shows how white text looks on a background with the CIELCh color 68, 4.893, 263.842.

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

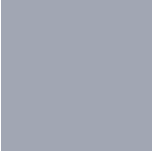
68, 4.893, 263.842

Protanopia

68, 4.433, 295.448

Deuteranopia

68, 9.818, 328.540



Tritanopia
68, 7.353, 276.601

Trichromacy



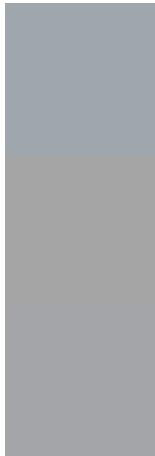
Original Color
68, 4.893, 263.842

Protanomaly
68, 4.422, 285.835

Deuteranomaly
68, 7.294, 314.927

Tritanomaly
68, 6.296, 273.935

Monochromacy



Original Color
68, 4.893, 263.842

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 1.810, 265.929

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 4.893, 263.842 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(160, 166, 174)` looks like.

```
.text, #text, p{  
    color:rgb(160, 166, 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(160, 166, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 166, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 4.893, 263.842 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(160, 166, 174) }
```

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

```
.border{ border-color:rgb(160, 166, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 166, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 166, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 166, 174);  
box-shadow:4px 4px 4px 4px rgb(160, 166,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 4.893, 263.842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 166, 174) }
```

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

```
.background{ background-color: rgb(160,  
166, 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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