

Converting Colors

CIELCh(70, 4.268, 199.240)

Have a look what the booklet for
CIELCh(70, 4.268, 199.240) contains.

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Color

CIELCh(70, 4.068, 199.182)

Conversions

Conversions Part 1

Format	Color
Hex	A2ADAD
RGB	162, 173, 173
RGB Percent	64%, 68%, 68%
CMY	0.3635, 0.3203, 0.3203
CMYK	0.06, 0.00, 0.00, 0.32
HSL	180°, 6%, 66%
HSV	180°, 6%, 68%
XYZ	37.5392, 40.7494, 45.5799
YIQ	169.7110, -6.5560, -2.3320

Conversions

Conversions Part 2

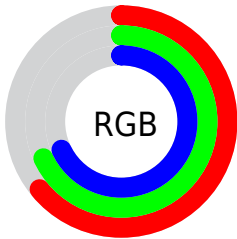
Format	Color
R _{YB}	162, 168, 173
Decimal	10661293
CIE Lab	70.00, -3.84, -1.34
CIE LCh	70, 4.068, 199.182
Yxy	40.7494, 0.3031, 0.3290
Android (android.graphics.Color)	4288851373 (0xFFA2ADAD)
YUV	169.7110, 1.6215, -6.7625
Hunter-Lab	63.8353, -6.7423, 2.3502

Details

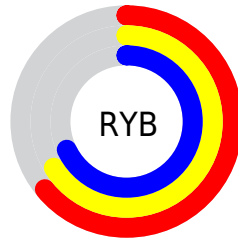
The CIELCh color $70, 4.068, 199.182$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 4.232, 19.652$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 3.876, 199.295$, and $50, 4.317, 199.020$ is the 20% darker color. If you saturate the color by 10%, you get $69, 10.207, 198.573$, and if you desaturate by 10%, it is $71, 2.390, 19.380$.

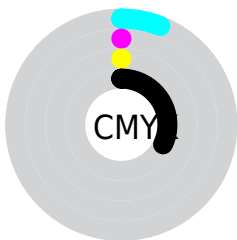
Distribution



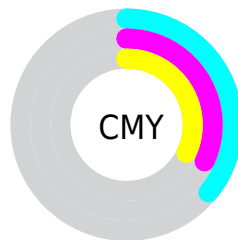
- Red (64%)
- Green (68%)
- Blue (68%)



- Red (64%)
- Yellow (66%)
- Blue (68%)



- Cyan (6%)
- Magenta (0%)
- Yellow (0%)
- Black (32%)



- Cyan (36%)
- Magenta (32%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 4.068, 199.182 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 70, 4.068, 199.182 by changing the saturation by 10% instead.

■ 70, 4.068, 199.182

■ 70, 4.068, 199.182

■ 100, 4.068,
199.182

■ 60, 4.068, 199.182

■ 90, 4.068, 199.182

■ 50, 4.068, 199.182

■ 40, 4.068, 199.182

■ 30, 4.068, 199.182

■ 20, 4.068, 199.182

■ 10, 4.068, 199.182

■ 0, 4.068, 199.182

■ 70, 4.068, 199.182

■ 70, 4.068, 199.182

■ 69, 10.207,

■ 71, 2.390, 19.380

198.573

73, 9.084, 20.110

68, 15.925,
198.084

74, 15.936, 20.730

67, 21.122,
197.654

76, 22.884, 21.349

66, 25.699,
197.283

78, 29.878, 21.972

65, 29.568,
196.974

79, 32.315, 22.186

79, 32.314, 22.182

65, 32.666,
196.730

79, 32.314, 22.178

79, 32.314, 22.173

65, 34.965,
196.550

64, 36.481,
196.431

64, 37.299,
196.365

Harmonies

Complementary

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



70, 4.068, 199.182



68, 4.232, 19.652

Rectangle

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



70, 4.068, 199.182



70, 4.068, 249.182



70, 4.068, 19.182



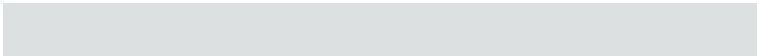
70, 4.068, 69.182

Sweetspot

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



70, 4.069, 199.161



89, 1.596, 199.649



70, 7.321, 143.680



47, 0.906, 199.677



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



70, 4.069, 199.161



88, 6.298, 199.039



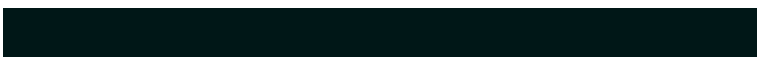
69, 3.573, 254.466



36, 3.603, 198.967



56, 33.814, 196.347



6, 7.801, 199.389

Inverse Universe

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



68, 4.232, 19.652



84, 6.623, 19.797



69, 3.624, 72.753



34, 3.818, 19.888



31, 69.973, 39.436



2, 7.802, 19.387

Previews

White Background



This preview shows how the CIE LCh color 70, 4.068, 199.182 looks on a white background.

Color Contrast Check

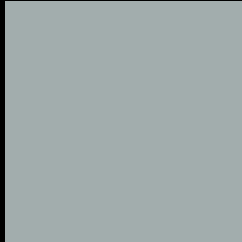
Large Text (above 18pt) WCAG AA × Fail

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 70, 4.068, 199.182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

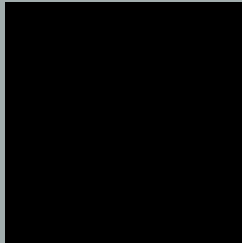
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

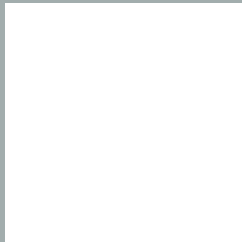
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 4.068, 199.182

Background



This preview shows how black text looks on a background with the CIELCh color 70, 4.068, 199.182.

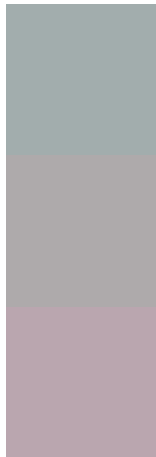


This preview shows how white text looks on a background with the CIELCh color 70, 4.068, 199.182.

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

70, 4.068, 199.182

Protanopia

70, 1.615, 359.449

Deuteranopia

70, 9.055, 347.330



Tritanopia
70, 8.024, 272.642

Trichromacy



Original Color
70, 4.068, 199.182

Protanomaly
70, 0.665, 256.050

Deuteranomaly
70, 4.094, 337.729

Tritanomaly
70, 5.858, 256.760

Monochromacy



Original Color
70, 4.068, 199.182

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 1.495, 199.606

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 4.068, 199.182 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, 173, 173)` looks like.

```
.text, #text, p{  
    color:rgb(162, 173, 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(162, 173, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 173, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 4.068, 199.182 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, 173, 173) }
```

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

```
.border{ border-color:rgb(162, 173, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 173, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 173, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 173, 173);  
box-shadow:4px 4px 4px 4px rgb(162, 173,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 4.068, 199.182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 173, 173) }
```

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

```
.background{ background-color: rgb(162,  
173, 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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