

Converting Colors

CIELCh(70, 7.193, 190.202)

Have a look what the booklet for
CIELCh(70, 7.193, 190.202) contains.

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Color

CIELCh(70, 7.077, 189.955)

Conversions

Conversions Part 1

Format	Color
Hex	9CAFAD
RGB	156, 175, 173
RGB Percent	61%, 69%, 68%
CMY	0.3882, 0.3137, 0.3215
CMYK	0.11, 0.00, 0.01, 0.31
HSL	174°, 11%, 65%
HSV	174°, 11%, 69%
XYZ	36.5870, 40.7494, 45.4766
YIQ	169.0910, -10.6820, -4.6500

Conversions

Conversions Part 2

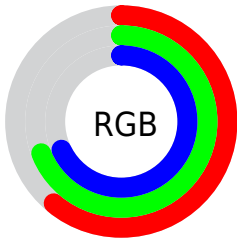
Format	Color
RYB	156, 166, 175
Decimal	10268589
CIELab	70.00, -6.97, -1.22
CIELCh	70, 7.077, 189.955
Yxy	40.7494, 0.2979, 0.3318
Android (android.graphics.Color)	4288458669 (0xFF9CAFAD)
YUV	169.0910, 1.9271, -11.4808
Hunter-Lab	63.8353, -9.4049, 2.4462

Details

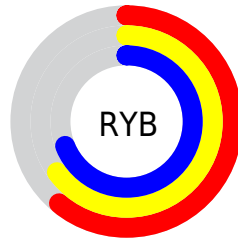
The CIELCh color **70, 7.077, 189.955** is a light color, and the websafe version is hex **999999**. A complement of this color would be **66, 7.474, 11.563**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 7.205, 186.486**, and **50, 7.115, 189.193** is the 20% darker color. If you saturate the color by 10%, you get **69, 13.300, 189.133**, and if you desaturate by 10%, it is **71, 0.567, 191.498**.

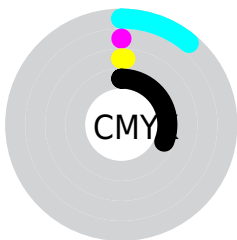
Distribution



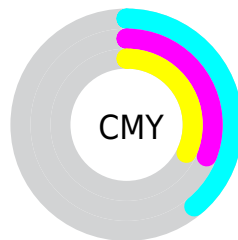
- Red (61%)
- Green (69%)
- Blue (68%)



- Red (61%)
- Yellow (65%)
- Blue (69%)



- Cyan (11%)
- Magenta (0%)
- Yellow (1%)
- Black (31%)



- Cyan (39%)
- Magenta (31%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 7.077, 189.955 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, 7.077, 189.955 by changing the saturation by 10% instead.

■ 70, 7.077, 189.955

■ 70, 7.077, 189.955

■ 100, 7.077,
189.955

■ 60, 7.077, 189.955

■ 90, 7.077, 189.955

■ 50, 7.077, 189.955

■ 40, 7.077, 189.955

■ 30, 7.077, 189.955

■ 20, 7.077, 189.955

■ 10, 7.077, 189.955

■ 0, 7.077, 189.955

■ 70, 7.077, 189.955

■ 70, 7.077, 189.955

■ 69, 13.300,

■ 71, 0.567, 191.498

189.133

73, 6.143, 11.324

68, 19.130,
188.327

74, 12.974, 12.113

67, 24.460,
187.506

76, 19.862, 12.863

66, 29.186,
186.659

78, 26.759, 13.594

65, 33.214,
185.772

79, 31.275, 13.456

65, 36.479,
184.830

79, 31.311, 11.685

79, 31.380, 9.921

65, 38.955,
183.816

64, 40.666,
182.711

64, 41.742,
181.639

Harmonies

Complementary

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



70, 7.077, 189.955



66, 7.474, 11.563

Rectangle

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



70, 7.077, 189.955



70, 7.077, 239.955



70, 7.077, 9.955



70, 7.077, 59.955

Sweetspot

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



70, 7.078, 189.945



90, 2.447, 190.717



70, 12.258, 140.712



48, 1.868, 190.606



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



70, 7.078, 189.945



88, 10.419, 189.749



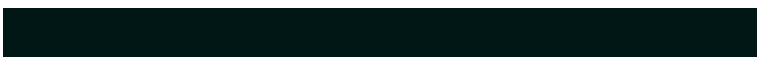
68, 5.797, 243.093



36, 3.673, 190.076



56, 37.291, 181.798



6, 8.006, 187.160

Inverse Universe

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



66, 7.474, 11.563



82, 11.137, 11.799



68, 6.069, 60.770



34, 3.848, 11.409



31, 66.097, 34.790



2, 7.875, 12.291

Previews

White Background



This preview shows how the CIELCh color 70, 7.077, 189.955 looks on a white background.

Color Contrast Check

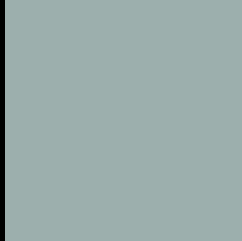
Large Text (above 18pt) WCAG AA × Fail

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, 7.077, 189.955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

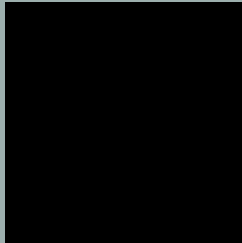
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

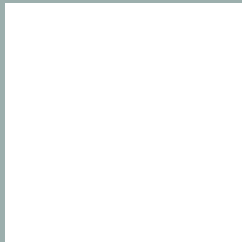
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 7.077, 189.955

Background



This preview shows how black text looks on a background with the CIELCh color 70, 7.077, 189.955.

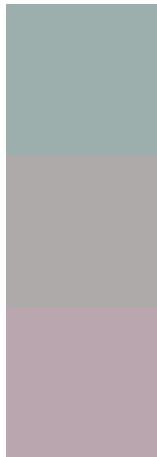


This preview shows how white text looks on a background with the CIELCh color 70, 7.077, 189.955.

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

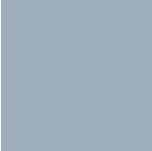
70, 7.077, 189.955

Protanopia

70, 1.514, 19.213

Deuteranopia

70, 8.738, 345.923



Tritanopia
70, 9.221, 255.642

Trichromacy



Original Color
70, 7.077, 189.955

Protanomaly
70, 1.954, 183.231

Deuteranomaly
70, 3.344, 324.527

Tritanomaly
70, 7.426, 235.295

Monochromacy



Original Color
70, 7.077, 189.955

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 2.678, 187.543

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 7.077, 189.955 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, 175, 173)` looks like.

```
.text, #text, p{  
    color:rgb(156, 175, 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(156, 175, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 175, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 7.077, 189.955 is called "border". The border property can be set on classes, ids or directly on the HTML element.

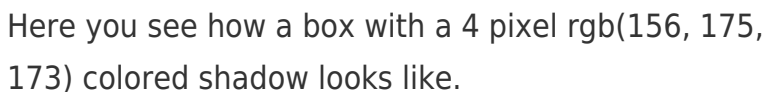
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 175, 173) }
```

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

```
.border{ border-color:rgb(156, 175, 173) }
```

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



Here you see how a box with a 4 pixel `rgb(156, 175, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 175, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 175, 173);  
box-shadow:4px 4px 4px 4px rgb(156, 175,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 7.077, 189.955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 175, 173) }
```

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

```
.background{ background-color: rgb(156,  
175, 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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