

Converting Colors

CIELCh(70, 11.540, 99.720)

Have a look what the booklet for
CIELCh(70, 11.540, 99.720) contains.

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Color

CIELCh(70, 11.069, 98.792)

Conversions

Conversions Part 1

Format	Color
Hex	B0AB97
RGB	176, 171, 151
RGB Percent	69%, 67%, 59%
CMY	0.3086, 0.3282, 0.4067
CMYK	0.00, 0.03, 0.14, 0.31
HSL	48°, 14%, 64%
HSV	48°, 14%, 69%
XYZ	38.2032, 40.7494, 35.2559
YIQ	170.2150, 9.4000, -5.1600

Conversions

Conversions Part 2

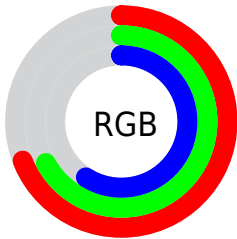
Format	Color
RYB	157, 176, 151
Decimal	11578263
CIELab	70.00, -1.69, 10.94
CIELCh	70, 11.069, 98.792
Yxy	40.7494, 0.3345, 0.3568
Android (android.graphics.Color)	4289768343 (0xFFB0AB97)
YUV	170.2150, -9.4730, 5.0734
Hunter-Lab	63.8353, -4.8857, 11.9391

Details

The CIELCh color **70, 11.069, 98.792** is a light color, and the websafe version is hex **999999**. A complement of this color would be **65, 11.245, 282.157**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 11.083, 97.667**, and **50, 11.179, 99.911** is the 20% darker color. If you saturate the color by 10%, you get **69, 18.937, 97.640**, and if you desaturate by 10%, it is **71, 3.247, 99.903**.

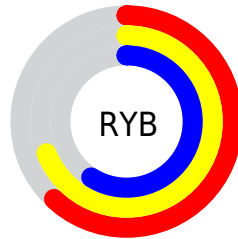
Distribution



Red (69%)

Green (67%)

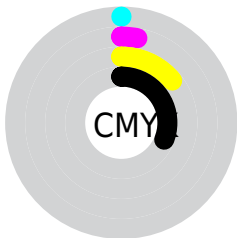
Blue (59%)



Red (62%)

Yellow (69%)

Blue (59%)

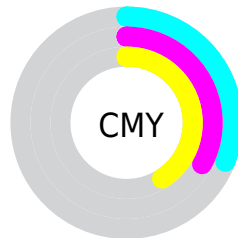


Cyan (0%)

Magenta (3%)

Yellow (14%)

Black (31%)



Cyan (31%)

Magenta (33%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 11.069, 98.792 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, 11.069, 98.792 by changing the saturation by 10% instead.

■ 70, 11.069, 98.792

■ 70, 11.069, 98.792

■ 100, 11.069,
98.792

■ 60, 11.069, 98.792

■ 90, 11.069, 98.792

■ 50, 11.069, 98.792

■ 40, 11.069, 98.792

■ 30, 11.069, 98.792

■ 20, 11.069, 98.792

■ 10, 11.069, 98.792

■ 0, 11.069, 98.792

■ 70, 11.069, 98.792

■ 70, 11.069, 98.792

■ 69, 18.937, 97.640

■ 71, 3.247, 99.903

67, 26.803, 96.448

73, 4.511, 281.073

66, 34.590, 95.236

74, 12.192,
282.104

65, 42.164, 94.008

76, 19.792,
283.105

64, 49.292, 92.767

63, 55.605, 91.506

77, 27.310,
284.061

62, 60.575, 90.198

79, 33.658,
284.563

61, 63.627, 88.790

60, 64.811, 87.941

80, 31.866,
281.852

80, 30.152,
278.847

81, 28.529,
275.511

Harmonies

Complementary

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



70, 11.069, 98.792



65, 11.245, 282.157

Rectangle

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



70, 11.069, 98.792



70, 11.069, 148.792



70, 11.069, 278.792



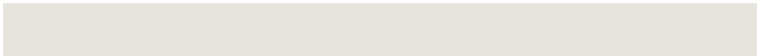
70, 11.069, 328.792

Sweetspot

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



70, 11.070, 98.801



90, 3.845, 99.914



65, 10.152, 4.566



48, 2.732, 99.839



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, 11.070, 98.801



88, 16.460, 98.444



71, 13.904, 121.002



37, 4.455, 99.349



53, 58.439, 88.133



7, 9.868, 95.007

Inverse Universe

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



65, 11.245, 282.157



80, 16.772, 282.588



64, 14.283, 302.657



35, 4.505, 281.527



21, 78.926, 302.056



2, 11.331, 283.014

Previews

White Background



This preview shows how the CIELCh color 70, 11.069, 98.792 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 70, 11.069, 98.792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

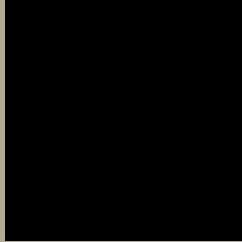
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

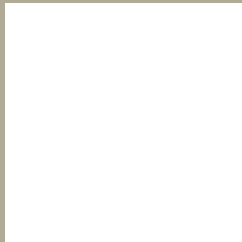
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 11.069, 98.792

Background



This preview shows how black text looks on a background with the CIELCh color 70, 11.069, 98.792.



This preview shows how white text looks on a background with the CIELCh color 70, 11.069, 98.792.

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, 11.069, 98.792

Protanopia

70, 11.340, 92.845

Deuteranopia

70, 13.365, 49.387



Tritanopia
70, 8.657, 324.805

Trichromacy



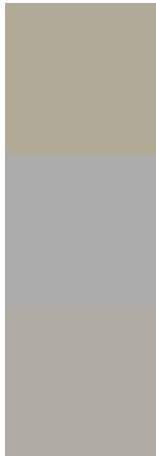
Original Color
70, 11.069, 98.792

Protanomaly
70, 11.236, 94.798

Deuteranomaly
70, 11.739, 63.853

Tritanomaly
70, 3.847, 11.468

Monochromacy



Original Color
70, 11.069, 98.792

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 3.885, 98.411

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 11.069, 98.792 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(176, 171, 151)` looks like.

```
.text, #text, p{  
    color:rgb(176, 171, 151)  
}
```

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(176, 171, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 171, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 11.069, 98.792 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(176, 171, 151) }
```

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

```
.border{ border-color:rgb(176, 171, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 171, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 171, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 171, 151);  
box-shadow:4px 4px 4px 4px rgb(176, 171,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 11.069, 98.792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 171, 151) }
```

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

```
.background{ background-color: rgb(176,  
171, 151) }
```

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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