

Converting Colors

CIELCh(71, 7.074, 131.663)

Have a look what the booklet for
CIELCh(71, 7.074, 131.663) contains.

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Color

CIELCh(71, 7.074, 131.663)

Conversions

Conversions Part 1

Format	Color
Hex	A9B0A4
RGB	169, 176, 164
RGB Percent	66%, 69%, 64%
CMY	0.3371, 0.3096, 0.3567
CMYK	0.04, 0.00, 0.07, 0.31
HSL	95°, 7%, 67%
HSV	95°, 7%, 69%
XYZ	38.6083, 42.1875, 41.2490
YIQ	172.5390, -0.3200, -5.2160

Conversions

Conversions Part 2

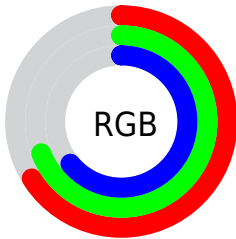
Format	Color
RYB	164, 176, 171
Decimal	11120804
CIELab	71.00, -4.70, 5.28
CIELCh	71, 7.074, 131.663
Yxy	42.1875, 0.3163, 0.3457
Android (android.graphics.Color)	4289310884 (0xFFA9B0A4)
YUV	172.5390, -4.2097, -3.1037
Hunter-Lab	64.9519, -7.5629, 7.8131

Details

The CIELCh color **71, 7.074, 131.663** is a light color, and the websafe version is hex **999999**. A complement of this color would be **68, 7.141, 312.192**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 7.334, 132.786**, and **51, 7.550, 131.547** is the 20% darker color. If you saturate the color by 10%, you get **70, 17.504, 131.213**, and if you desaturate by 10%, it is **72, 3.301, 312.015**.

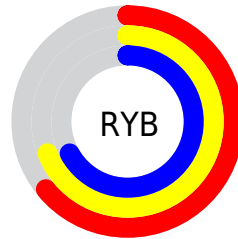
Distribution



Red (66%)

Green (69%)

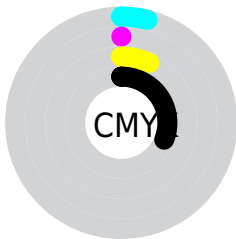
Blue (64%)



Red (64%)

Yellow (69%)

Blue (67%)

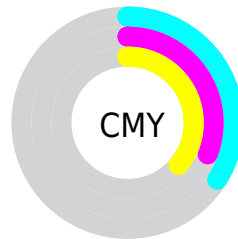


Cyan (4%)

Magenta (0%)

Yellow (7%)

Black (31%)



Cyan (34%)

Magenta (31%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 7.074, 131.663 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 71, 7.074, 131.663 by changing the saturation by 10% instead.

■ 71, 7.074, 131.663

■ 71, 7.074, 131.663

■ 100, 7.074,
131.663

■ 61, 7.074, 131.663

■ 91, 7.074, 131.663

■ 51, 7.074, 131.663

■ 41, 7.074, 131.663

■ 31, 7.074, 131.663

■ 21, 7.074, 131.663

■ 11, 7.074, 131.663

■ 1, 7.074, 131.663

■ 0, 7.074, 131.663

■ 71, 7.074, 131.663

■ 71, 7.074, 131.663

70, 17.504,
131.213

72, 3.301, 312.015

69, 27.907,
130.737

74, 13.573,
312.412

68, 38.178,
130.250

75, 23.701,
312.743

67, 48.164,
129.778

77, 33.659,
313.035

66, 57.649,
129.369

78, 43.431,
313.292

65, 66.332,
129.101

79, 45.968,
316.814

65, 73.816,
129.080

80, 47.279,
320.866

64, 79.664,
129.434

81, 48.796,
324.748

64, 83.639,

82, 49.405,
326.131

Harmonies

Complementary

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



71, 7.074, 131.663



68, 7.141, 312.192

Rectangle

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



71, 7.074, 131.663



71, 7.074, 181.663



71, 7.074, 311.663



71, 7.074, 1.663

Sweetspot

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



71, 7.076, 131.667



91, 2.563, 131.910



70, 4.258, 82.961



48, 1.455, 131.919



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



71, 7.076, 131.667



90, 10.306, 131.608



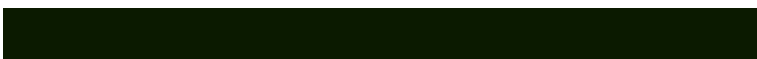
71, 7.562, 146.407



37, 5.950, 131.554



56, 76.259, 130.309



7, 14.766, 135.037

Inverse Universe

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



68, 7.141, 312.192



86, 10.411, 312.251



69, 7.579, 327.123



35, 6.017, 312.304



25, 83.605, 314.123



2, 14.055, 308.076

Previews

White Background



This preview shows how the CIELCh color 71, 7.074, 131.663 looks on a white background.

Color Contrast Check

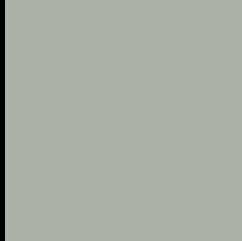
Large Text (above 18pt) WCAG AA × Fail

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 71, 7.074, 131.663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

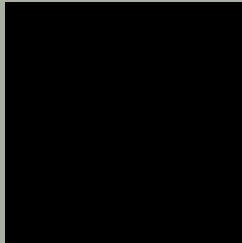
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

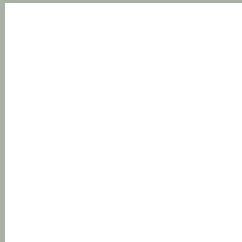
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 7.074, 131.663

Background



This preview shows how black text looks on a background with the CIELCh color 71, 7.074, 131.663.



This preview shows how white text looks on a background with the CIELCh color 71, 7.074, 131.663.

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

71, 7.074, 131.663

Protanopia

71, 6.404, 88.317

Deuteranopia

71, 9.776, 26.554



Tritanopia
71, 7.107, 287.955

Trichromacy



Original Color
71, 7.074, 131.663

Protanomaly
71, 5.990, 105.892

Deuteranomaly
71, 5.981, 52.710

Tritanomaly
71, 2.438, 263.350

Monochromacy



Original Color
71, 7.074, 131.663

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 2.308, 129.017

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 7.074, 131.663 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(169, 176, 164)` looks like.

```
.text, #text, p{  
    color:rgb(169, 176, 164)  
}
```

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(169, 176, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 176, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 7.074, 131.663 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(169, 176, 164) }
```

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

```
.border{ border-color:rgb(169, 176, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 176, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 176, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 176, 164);  
box-shadow:4px 4px 4px 4px rgb(169, 176,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 7.074, 131.663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 176, 164) }
```

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

```
.background{ background-color: rgb(169,  
176, 164) }
```

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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