

Converting Colors

CIELCh(74, 7.173, 176.701)

Have a look what the booklet for
CIELCh(74, 7.173, 176.701) contains.

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Color

CIELCh(74, 7.168, 176.699)

Conversions

Conversions Part 1

Format	Color
Hex	A8BAB5
RGB	168, 186, 181
RGB Percent	66%, 73%, 71%
CMY	0.3417, 0.2711, 0.2907
CMYK	0.10, 0.00, 0.03, 0.27
HSL	163°, 12%, 69%
HSV	163°, 10%, 73%
XYZ	41.9791, 46.7039, 50.4479
YIQ	180.0480, -9.1230, -5.3710

Conversions

Conversions Part 2

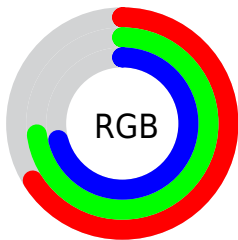
Format	Color
RYB	168, 178, 186
Decimal	11057845
CIELab	74.00, -7.16, 0.41
CIELCh	74, 7.168, 176.699
Yxy	46.7039, 0.3017, 0.3357
Android (android.graphics.Color)	4289247925 (0xFFA8BAB5)
YUV	180.0480, 0.4693, -10.5661
Hunter-Lab	68.3403, -9.9490, 4.0711

Details

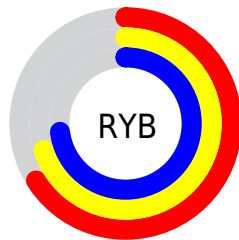
The CIELCh color **74, 7.168, 176.699** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70, 7.386, 358.366**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 7.153, 177.920**, and **54, 7.251, 175.272** is the 20% darker color. If you saturate the color by 10%, you get **73, 14.418, 175.688**, and if you desaturate by 10%, it is **76, 0.240, 355.619**.

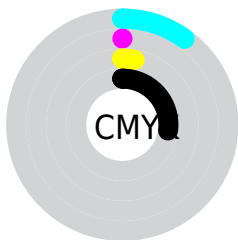
Distribution



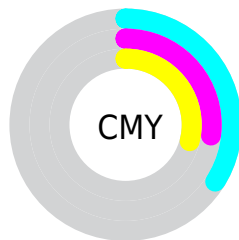
- Red (66%)
- Green (73%)
- Blue (71%)



- Red (66%)
- Yellow (70%)
- Blue (73%)



- Cyan (10%)
- Magenta (0%)
- Yellow (3%)
- Black (27%)



- Cyan (34%)
- Magenta (27%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 7.168, 176.699 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 74, 7.168, 176.699 by changing the saturation by 10% instead.

■ 74, 7.168, 176.699

■ 74, 7.168, 176.699

■ 100, 7.168,
176.699

■ 64, 7.168, 176.699

■ 94, 7.168, 176.699

■ 54, 7.168, 176.699

■ 44, 7.168, 176.699

■ 34, 7.168, 176.699

■ 24, 7.168, 176.699

■ 14, 7.168, 176.699

■ 4, 7.168, 176.699

■ 0, 7.168, 176.699

■ 74, 7.168, 176.699

■ 74, 7.168, 176.699

73, 14.418,
175.688

76, 0.240, 355.619

71, 21.400,
174.634

77, 7.720, 358.337

70, 27.998,
173.496

79, 15.200,
359.182

69, 34.088,
172.252

81, 22.624,
359.971

69, 39.555,
170.878

82, 27.918,
358.832

68, 44.303,
169.351

82, 28.863,
353.747

68, 48.279,
167.646

83, 30.037,
349.041

67, 51.487,
165.749

83, 31.413,
344.741

67, 54.089,

83, 32.964,
340.847

163.713

Harmonies

Complementary

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



74, 7.168, 176.699



70, 7.386, 358.366

Rectangle

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



74, 7.168, 176.699



74, 7.168, 226.699



74, 7.168, 356.699



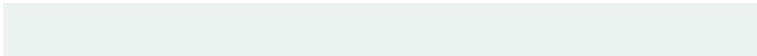
74, 7.168, 46.699

Sweetspot

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



74, 7.170, 176.691



95, 2.764, 177.439



74, 10.908, 135.859



51, 2.112, 177.324



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



74, 7.170, 176.691



93, 10.992, 176.440



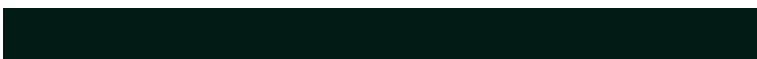
73, 5.483, 221.871



38, 4.153, 176.726



57, 47.263, 163.966



8, 12.287, 170.140

Inverse Universe

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



70, 7.386, 358.366



88, 11.411, 358.637



71, 5.815, 41.085



36, 4.274, 358.328



32, 60.997, 22.246



2, 11.133, 3.006

Previews

White Background



This preview shows how the CIELCh color 74, 7.168, 176.699 looks on a white background.

Color Contrast Check

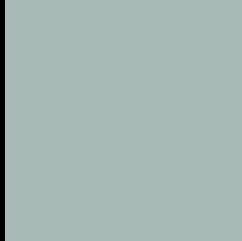
Large Text (above 18pt) WCAG AA × Fail

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 74, 7.168, 176.699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

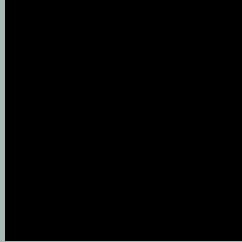
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

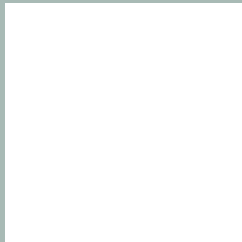
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 7.168, 176.699

Background



This preview shows how black text looks on a background with the CIELCh color 74, 7.168, 176.699.

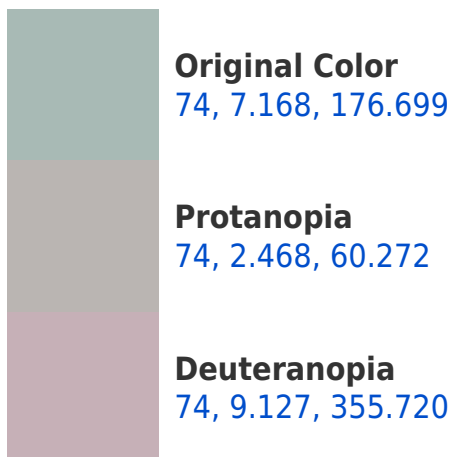


This preview shows how white text looks on a background with the CIELCh color 74, 7.168, 176.699.

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](#).

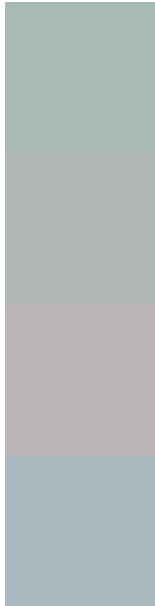
Dichromacy





Tritanopia
74, 9.071, 263.095

Trichromacy



Original Color
74, 7.168, 176.699

Protanomaly
74, 2.635, 144.413

Deuteranomaly
74, 2.845, 357.139

Tritanomaly
74, 6.548, 240.680

Monochromacy



Original Color
74, 7.168, 176.699

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 2.484, 173.573

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 7.168, 176.699 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(168, 186, 181)` looks like.

```
.text, #text, p{  
    color:rgb(168, 186, 181)  
}
```

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(168, 186, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 186, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 7.168, 176.699 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(168, 186, 181) }
```

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

```
.border{ border-color:rgb(168, 186, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 186, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 186, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 186, 181);  
box-shadow:4px 4px 4px 4px rgb(168, 186,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 7.168, 176.699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 186, 181) }
```

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

```
.background{ background-color: rgb(168,  
186, 181) }
```

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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