

Converting Colors

CIELCh(73, 4.989, 147.573)

Have a look what the booklet for
CIELCh(73, 4.989, 147.573) contains.

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Color

CIELCh(73, 4.858, 147.838)

Conversions

Conversions Part 1

Format	Color
Hex	ADB5AE
RGB	173, 181, 174
RGB Percent	68%, 71%, 68%
CMY	0.3203, 0.2889, 0.3164
CMYK	0.04, 0.00, 0.04, 0.29
HSL	127°, 5%, 70%
HSV	127°, 4%, 71%
XYZ	41.5616, 45.1644, 46.7318
YIQ	177.8100, -2.5210, -3.8730

Conversions

Conversions Part 2

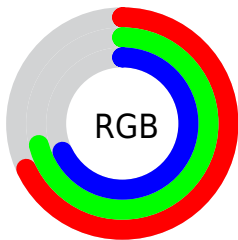
Format	Color
R_{YB}	173, 180, 181
Decimal	11384238
CIE Lab	73.00, -4.11, 2.59
CIE LCh	73, 4.858, 147.838
Yxy	45.1644, 0.3114, 0.3384
Android (android.graphics.Color)	4289574318 (0xFFADB5AE)
YUV	177.8100, -1.8783, -4.2184
Hunter-Lab	67.2044, -7.2172, 5.8148

Details

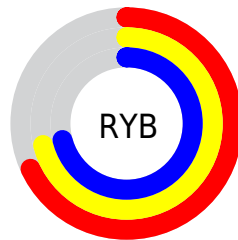
The CIELCh color $73, 4.858, 147.838$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $72, 4.877, 328.242$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 5.244, 147.448$, and $53, 4.476, 148.340$ is the 20% darker color. If you saturate the color by 10%, you get $71, 15.980, 147.139$, and if you desaturate by 10%, it is $75, 6.110, 328.303$.

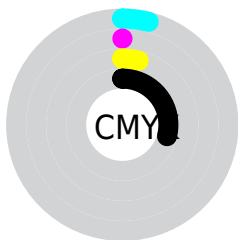
Distribution



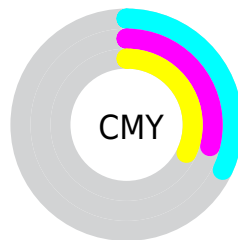
- Red (68%)
- Green (71%)
- Blue (68%)



- Red (68%)
- Yellow (71%)
- Blue (71%)



- Cyan (4%)
- Magenta (0%)
- Yellow (4%)
- Black (29%)



- Cyan (32%)
- Magenta (29%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 4.858, 147.838 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 73, 4.858, 147.838 by changing the saturation by 10% instead.

■ 73, 4.858, 147.838

■ 73, 4.858, 147.838

■ 100, 4.858,
147.838

■ 63, 4.858, 147.838

■ 93, 4.858, 147.838

■ 53, 4.858, 147.838

■ 43, 4.858, 147.838

■ 33, 4.858, 147.838

■ 23, 4.858, 147.838

■ 13, 4.858, 147.838

■ 3, 4.858, 147.838

■ 0, 4.858, 147.838

■ 73, 4.858, 147.838

■ 73, 4.858, 147.838

71, 15.980,
147.139

75, 6.110, 328.303

70, 27.131,
146.363

77, 16.846,
328.817

68, 38.153,
145.466

79, 27.292,
329.243

67, 48.842,
144.430

81, 37.416,
329.610

66, 58.956,
143.252

83, 45.587,
326.530

66, 68.218,
141.944

83, 46.151,
326.022

65, 76.331,
140.544

65, 82.996,
139.132

64, 87.947,

137.822

Harmonies

Complementary

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



73, 4.858, 147.838



72, 4.877, 328.242

Rectangle

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



73, 4.858, 147.838



73, 4.858, 197.838



73, 4.858, 327.838



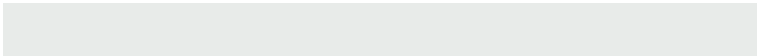
73, 4.858, 17.838

Sweetspot

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



73, 4.860, 147.837



93, 1.346, 148.225



74, 4.338, 114.415



49, 0.764, 148.242



96, 0.011, 296.813



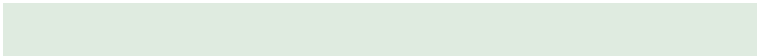
49, 0.007, 296.813

Same Dimension

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



73, 4.860, 147.837



92, 6.791, 147.789



73, 3.421, 170.186



38, 3.785, 147.752



56, 80.062, 137.405



8, 17.741, 147.014

Inverse Universe

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



72, 4.877, 328.242



90, 6.812, 328.288



72, 3.461, 350.722



37, 3.796, 328.323



36, 72.531, 333.840



3, 16.567, 330.123

Previews

White Background



This preview shows how the CIELCh color 73, 4.858, 147.838 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 73, 4.858, 147.838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

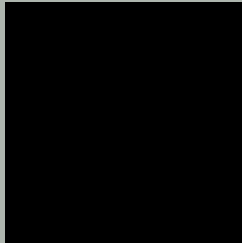
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

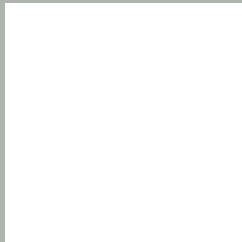
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 4.858, 147.838

Background



This preview shows how black text looks on a background with the CIELCh color 73, 4.858, 147.838.



This preview shows how white text looks on a background with the CIELCh color 73, 4.858, 147.838.

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

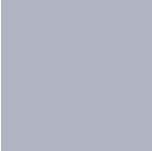
73, 4.858, 147.838

Protanopia

73, 3.520, 69.556

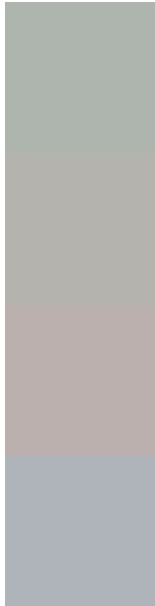
Deuteranopia

73, 9.309, 10.155



Tritanopia
73, 7.660, 282.820

Trichromacy



Original Color

73, 4.858, 147.838

Protanomaly

73, 3.260, 103.184

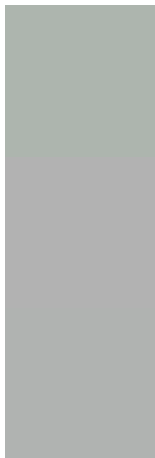
Deuteranomaly

73, 4.584, 26.448

Tritanomaly

73, 3.708, 261.017

Monochromacy



Original Color

73, 4.858, 147.838

Achromatopsia

73, 0.009, 296.813

Achromatomaly

73, 1.563, 155.756

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 4.858, 147.838 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(173, 181, 174)` looks like.

```
.text, #text, p{  
    color:rgb(173, 181, 174)  
}
```

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(173, 181, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 181, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 4.858, 147.838 is called "border". The border property can be set on classes, ids or directly on the HTML element.

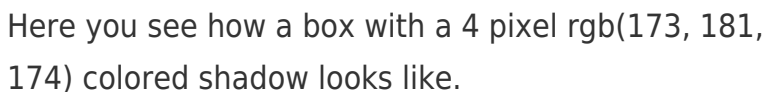
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(173, 181, 174) }
```

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

```
.border{ border-color:rgb(173, 181, 174) }
```

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



Here you see how a box with a 4 pixel `rgb(173, 181, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 181, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 181, 174); box-shadow:4px 4px 4px 4px rgb(173, 181, 174) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 4.858, 147.838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 181, 174) }
```

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

```
.background{ background-color: rgb(173,  
181, 174) }
```

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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