

Converting Colors

CIELCh(74, 4.862, 81.747)

Have a look what the booklet for
CIELCh(74, 4.862, 81.747) contains.

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Color

CIELCh(74, 4.867, 81.743)

Conversions

Conversions Part 1

Format	Color
Hex	BBB5AD
RGB	187, 181, 173
RGB Percent	73%, 71%, 68%
CMY	0.2661, 0.2897, 0.3211
CMYK	0.00, 0.03, 0.07, 0.27
HSL	34°, 9%, 71%
HSV	34°, 7%, 73%
XYZ	44.6311, 46.7039, 46.2627
YIQ	181.8820, 6.1440, -1.2160

Conversions

Conversions Part 2

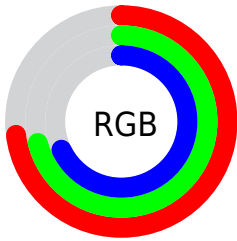
Format	Color
RYB	184, 187, 173
Decimal	12301741
CIELab	74.00, 0.70, 4.82
CIELCh	74, 4.867, 81.743
Yxy	46.7039, 0.3244, 0.3394
Android (android.graphics.Color)	4290491821 (0xFFBBB5AD)
YUV	181.8820, -4.3788, 4.4885
Hunter-Lab	68.3403, -3.0223, 7.7020

Details

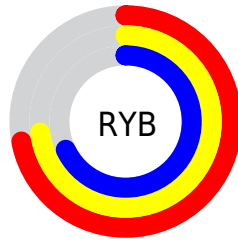
The CIELCh color $74, 4.867, 81.743$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $73, 4.830, 263.797$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 5.080, 84.572$, and $54, 4.696, 78.244$ is the 20% darker color. If you saturate the color by 10%, you get $71, 11.580, 80.521$, and if you desaturate by 10%, it is $77, 1.621, 263.254$.

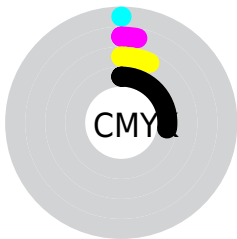
Distribution



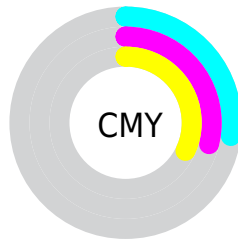
- Red (73%)
- Green (71%)
- Blue (68%)



- Red (72%)
- Yellow (73%)
- Blue (68%)



- Cyan (0%)
- Magenta (3%)
- Yellow (7%)
- Black (27%)



- Cyan (27%)
- Magenta (29%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 4.867, 81.743 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, 4.867, 81.743 by changing the saturation by 10% instead.

■ 74, 4.867, 81.743

■ 74, 4.867, 81.743

■ 100, 4.867, 81.743

■ 64, 4.867, 81.743

■ 94, 4.867, 81.743

■ 54, 4.867, 81.743

■ 44, 4.867, 81.743

■ 34, 4.867, 81.743

■ 24, 4.867, 81.743

■ 14, 4.867, 81.743

■ 4, 4.867, 81.743

■ 0, 4.867, 81.743

■ 74, 4.867, 81.743

■ 74, 4.867, 81.743

71, 11.580, 80.521

77, 1.621, 263.254

69, 18.524, 79.214

79, 7.904, 264.308

67, 25.699, 77.872

82, 13.999,
265.444

64, 33.071, 76.496

85, 19.926,
266.542

62, 40.557, 75.075

60, 47.971, 73.574

87, 20.465,
259.289

57, 54.950, 71.911

89, 18.726,
244.871

55, 60.861, 69.921

54, 65.003, 67.390

91, 18.309,
228.892

93, 19.263,
213.520

95, 21.368,
200.499

Harmonies

Complementary

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



74, 4.867, 81.743



73, 4.830, 263.797

Rectangle

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



74, 4.867, 81.743



74, 4.867, 131.743



74, 4.867, 261.743



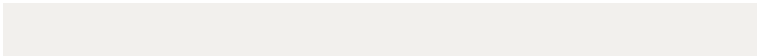
74, 4.867, 311.743

Sweetspot

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



74, 4.868, 81.767



95, 1.583, 82.283



72, 6.237, 347.993



51, 0.907, 82.284



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, 4.868, 81.767



93, 7.244, 81.568



76, 7.525, 112.162



39, 3.725, 81.542



45, 58.184, 67.259



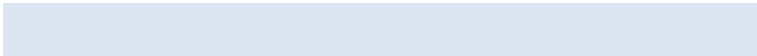
6, 10.317, 67.954

Inverse Universe

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



73, 4.830, 263.797



91, 7.164, 264.019



71, 7.662, 293.472



38, 3.683, 264.048



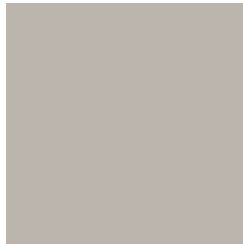
31, 57.331, 289.806



3, 12.387, 273.630

Previews

White Background



This preview shows how the CIELCh color 74, 4.867, 81.743 looks on a white background.

Color Contrast Check

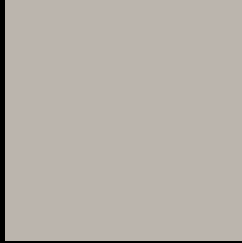
Large Text (above 18pt) WCAG AA × Fail

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, 4.867, 81.743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

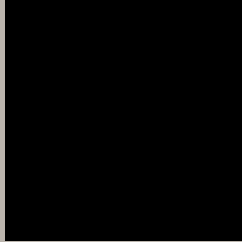
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

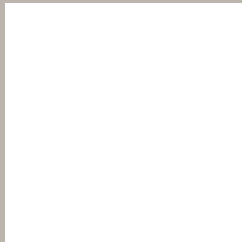
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 4.867, 81.743

Background



This preview shows how black text looks on a background with the CIELCh color 74, 4.867, 81.743.

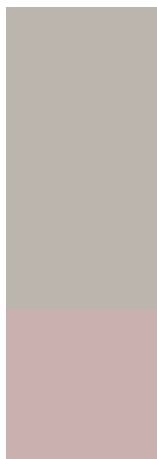


This preview shows how white text looks on a background with the CIELCh color 74, 4.867, 81.743.

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


74, 4.867, 81.743

Protanopia

74, 4.867, 81.743

Deuteranopia

74, 10.073, 26.311



Tritanopia
74, 8.819, 320.802

Trichromacy



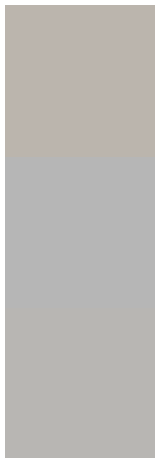
Original Color
74, 4.867, 81.743

Protanomaly
74, 4.867, 81.743

Deuteranomaly
74, 7.598, 36.362

Tritanomaly
74, 4.969, 338.952

Monochromacy



Original Color
74, 4.867, 81.743

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 1.770, 84.930

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 4.867, 81.743 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(187, 181, 173)` looks like.

```
.text, #text, p{  
    color:rgb(187, 181, 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(187, 181, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 181, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 4.867, 81.743 is called "border". The border property can be set on classes, ids or directly on the HTML element.

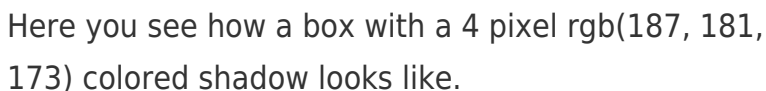
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 181, 173) }
```

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

```
.border{ border-color:rgb(187, 181, 173) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 181, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 181, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 181, 173);  
box-shadow:4px 4px 4px 4px rgb(187, 181,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 4.867, 81.743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 181, 173) }
```

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

```
.background{ background-color: rgb(187,  
181, 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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