

Converting Colors

CIELCh(74, 13.923, 99.324)

Have a look what the booklet for
CIELCh(74, 13.923, 99.324) contains.

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Color

CIELCh(74, 13.661, 98.916)

Conversions

Conversions Part 1

Format	Color
Hex	BCB69D
RGB	188, 182, 157
RGB Percent	74%, 71%, 62%
CMY	0.2619, 0.2854, 0.3835
CMYK	0.00, 0.03, 0.16, 0.26
HSL	48°, 19%, 68%
HSV	48°, 16%, 74%
XYZ	43.6678, 46.7039, 38.7047
YIQ	180.9440, 11.6010, -6.5030

Conversions

Conversions Part 2

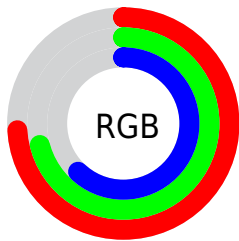
Format	Color
RYB	164, 188, 157
Decimal	12367517
CIELab	74.00, -2.12, 13.50
CIELCh	74, 13.661, 98.916
Yxy	46.7039, 0.3383, 0.3618
Android (android.graphics.Color)	4290557597 (0xFFBCB69D)
YUV	180.9440, -11.8044, 6.1881
Hunter-Lab	68.3403, -5.5382, 14.2592

Details

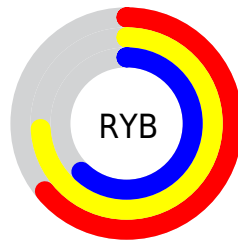
The CIELCh color **74, 13.661, 98.916** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **67, 13.922, 282.856**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 13.496, 99.642**, and **54, 13.420, 97.574** is the 20% darker color. If you saturate the color by 10%, you get **73, 22.012, 97.756**, and if you desaturate by 10%, it is **75, 5.345, 100.048**.

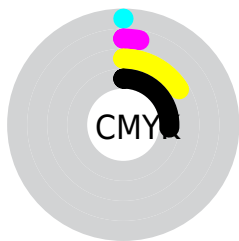
Distribution



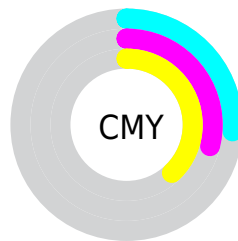
- Red (74%)
- Green (71%)
- Blue (62%)



- Red (64%)
- Yellow (74%)
- Blue (62%)



- Cyan (0%)
- Magenta (3%)
- Yellow (16%)
- Black (26%)



- Cyan (26%)
- Magenta (29%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 13.661, 98.916 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, 13.661, 98.916 by changing the saturation by 10% instead.

■ 74, 13.661, 98.916

■ 74, 13.661, 98.916

■ 100, 13.661,
98.916

■ 64, 13.661, 98.916

■ 94, 13.661, 98.916

■ 54, 13.661, 98.916

■ 44, 13.661, 98.916

■ 34, 13.661, 98.916

■ 24, 13.661, 98.916

■ 14, 13.661, 98.916

■ 4, 13.661, 98.916

■ 0, 13.661, 98.916

■ 74, 13.661, 98.916

■ 74, 13.661, 98.916

73, 22.012, 97.756

75, 5.345, 100.048

71, 30.339, 96.561

77, 2.912, 281.228

70, 38.546, 95.349

78, 11.091,
282.252

69, 46.466, 94.124

80, 19.188,
283.262

68, 53.816, 92.889

67, 60.158, 91.634

81, 27.200,
284.228

66, 64.899, 90.330

82, 27.289,
281.806

65, 67.518, 88.922

64, 68.207, 88.418

83, 25.551,
278.180

84, 23.928,
274.071

85, 22.443,
269.421

Harmonies

Complementary

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



74, 13.661, 98.916



67, 13.922, 282.856

Rectangle

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



74, 13.661, 98.916



74, 13.661, 148.916



74, 13.661, 278.916



74, 13.661, 328.916

Sweetspot

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



74, 13.662, 98.924



96, 5.105, 100.196



68, 12.510, 4.830



51, 3.483, 100.122



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, 13.662, 98.924



93, 20.559, 98.478



75, 17.026, 120.865



39, 4.696, 99.731



55, 60.023, 88.635



9, 13.061, 94.278

Inverse Universe

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



67, 13.922, 282.856



83, 21.043, 283.414



67, 17.568, 302.817



37, 4.751, 281.913



22, 81.617, 302.343



2, 15.052, 284.525

Previews

White Background



This preview shows how the CIELCh color 74, 13.661, 98.916 looks on a white background.

Color Contrast Check

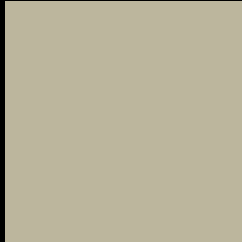
Large Text (above 18pt) WCAG AA × Fail

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 74, 13.661, 98.916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

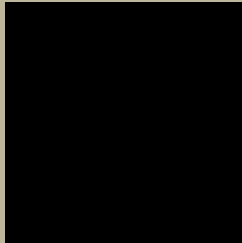
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

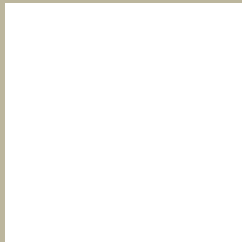
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 13.661, 98.916

Background



This preview shows how black text looks on a background with the CIELCh color 74, 13.661, 98.916.



This preview shows how white text looks on a background with the CIELCh color 74, 13.661, 98.916.

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, 13.661, 98.916

Protanopia

74, 13.518, 91.943

Deuteranopia

74, 15.818, 53.106



Tritanopia
74, 9.657, 328.497

Trichromacy



Original Color
74, 13.661, 98.916

Protanomaly
74, 13.407, 93.568

Deuteranomaly
74, 14.184, 69.020

Tritanomaly
74, 4.531, 19.672

Monochromacy



Original Color
74, 13.661, 98.916

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 4.978, 96.441

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 13.661, 98.916 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(188, 182, 157)` looks like.

```
.text, #text, p{  
    color:rgb(188, 182, 157)  
}
```

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(188, 182, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 182, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 13.661, 98.916 is called "border". The border property can be set on classes, ids or directly on the HTML element.

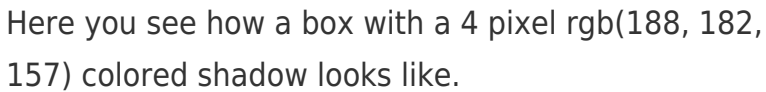
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 182, 157) }
```

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

```
.border{ border-color:rgb(188, 182, 157) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 182, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 182, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 182, 157);  
box-shadow:4px 4px 4px 4px rgb(188, 182,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 13.661, 98.916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 182, 157) }
```

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

```
.background{ background-color: rgb(188,  
182, 157) }
```

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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