

Converting Colors

CIELCh(74, 12.905, 133.226)

Have a look what the booklet for
CIELCh(74, 12.905, 133.226)
contains.

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Color

CIELCh(74, 13.044, 133.197)

Conversions

Conversions Part 1

Format	Color
Hex	ACBAA4
RGB	172, 186, 164
RGB Percent	67%, 73%, 64%
CMY	0.3246, 0.2696, 0.3559
CMYK	0.08, 0.00, 0.12, 0.27
HSL	98°, 14%, 69%
HSV	98°, 12%, 73%
XYZ	41.3956, 46.7039, 42.0649
YIQ	179.3060, -1.2820, -9.8100

Conversions

Conversions Part 2

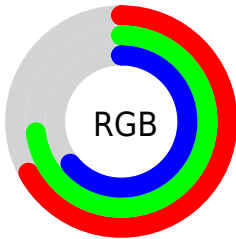
Format	Color
RYB	164, 186, 178
Decimal	11319972
CIELab	74.00, -8.93, 9.51
CIELCh	74, 13.044, 133.197
Yxy	46.7039, 0.3180, 0.3588
Android (android.graphics.Color)	4289510052 (0xFFACBAA4)
YUV	179.3060, -7.5459, -6.4074
Hunter-Lab	68.3403, -11.4732, 11.3439

Details

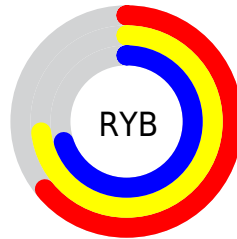
The CIELCh color **74, 13.044, 133.197** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69, 13.198, 314.165**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 13.025, 133.810**, and **54, 13.192, 132.465** is the 20% darker color. If you saturate the color by 10%, you get **73, 24.130, 132.727**, and if you desaturate by 10%, it is **75, 1.991, 133.691**.

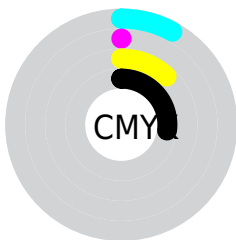
Distribution



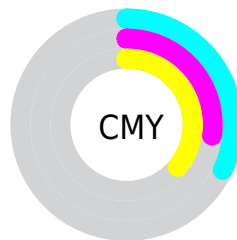
- Red (67%)
- Green (73%)
- Blue (64%)



- Red (64%)
- Yellow (73%)
- Blue (70%)



- Cyan (8%)
- Magenta (0%)
- Yellow (12%)
- Black (27%)





- Cyan (32%)
- Magenta (27%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 13.044, 133.197 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, 13.044, 133.197 by changing the saturation by 10% instead.


 74, 13.044,
133.197


 74, 13.044,
133.197


 100, 13.044,
133.197


 64, 13.044,
133.197


 94, 13.044,
133.197

 54, 13.044,
133.197

 44, 13.044,
133.197

 34, 13.044,
133.197

 24, 13.044,
133.197

 14, 13.044,
133.197

 4, 13.044, 133.197

0, 13.044, 133.197

74, 13.044,
133.197

74, 13.044,
133.197

73, 24.130,
132.727

75, 1.991, 133.691

72, 35.142,
132.226

77, 8.963, 313.980

71, 45.939,
131.716

78, 19.765,
314.329

70, 56.322,
131.232

80, 30.381,
314.630

69, 66.010,
130.834

82, 39.658,
315.563

68, 74.623,
130.618

83, 41.236,
320.950

84, 43.097,

■ 68, 81.699,
130.704

325.918

■ 67, 86.816,
131.211

■ 67, 89.717,
131.854

Harmonies

Complementary

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



74, 13.044, 133.197



69, 13.198, 314.165

Rectangle

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



74, 13.044, 133.197



74, 13.044, 183.197



74, 13.044, 313.197



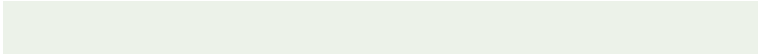
74, 13.044, 3.197

Sweetspot

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



74, 13.046, 133.199



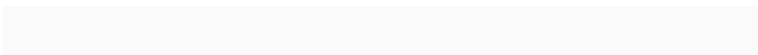
95, 5.445, 133.556



73, 8.149, 86.861



51, 3.904, 133.519



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, 13.046, 133.199



93, 19.150, 133.088



74, 13.292, 147.584



39, 6.318, 133.311



57, 79.315, 131.673



9, 19.855, 136.901

Inverse Universe

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



69, 13.198, 314.165



86, 19.412, 314.271



70, 13.322, 328.978



37, 6.379, 314.057



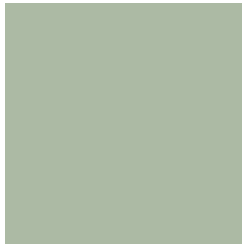
27, 84.741, 315.561



2, 18.593, 310.005

Previews

White Background



This preview shows how the CIELCh color 74, 13.044, 133.197 looks on a white background.

Color Contrast Check

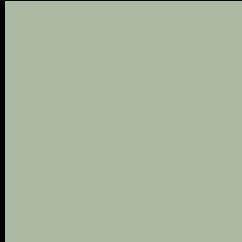
Large Text (above 18pt) WCAG AA × Fail

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, 13.044, 133.197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

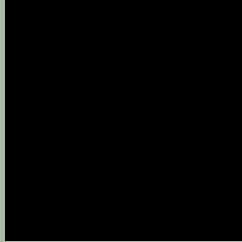
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

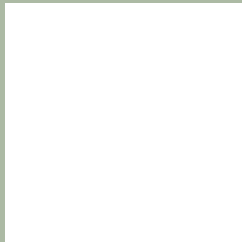
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 13.044, 133.197

Background



This preview shows how black text looks on a background with the CIELCh color 74, 13.044, 133.197.



This preview shows how white text looks on a background with the CIELCh color 74, 13.044, 133.197.

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

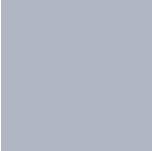
74, 13.044, 133.197

Protanopia

74, 10.821, 90.225

Deuteranopia

74, 12.766, 42.502



Tritanopia
74, 7.756, 277.571

Trichromacy



Original Color
74, 13.044, 133.197

Protanomaly
74, 10.774, 107.073

Deuteranomaly
74, 9.315, 73.620

Tritanomaly
74, 3.302, 199.295

Monochromacy



Original Color
74, 13.044, 133.197

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 4.730, 133.165

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 13.044, 133.197 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(172, 186, 164)` looks like.

```
.text, #text, p{  
    color:rgb(172, 186, 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(172, 186, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 186, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 13.044, 133.197 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(172, 186, 164) }
```

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

```
.border{ border-color:rgb(172, 186, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 186, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 186, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 186, 164);  
box-shadow:4px 4px 4px 4px rgb(172, 186,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 13.044, 133.197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 186, 164) }
```

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

```
.background{ background-color: rgb(172,  
186, 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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