

Converting Colors

CIELCh(74, 13.676, 129.944)

Have a look what the booklet for
CIELCh(74, 13.676, 129.944)
contains.

CIELCh(74, 13.887, 129.963)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(74, 13.887, 129.963)

Conversions

Conversions Part 1

Format	Color
Hex	ADBAA2
RGB	173, 186, 162
RGB Percent	68%, 73%, 64%
CMY	0.3209, 0.2699, 0.3641
CMYK	0.07, 0.00, 0.13, 0.27
HSL	93°, 15%, 68%
HSV	93°, 13%, 73%
XYZ	41.3986, 46.7039, 41.0896
YIQ	179.3770, -0.0440, -10.2200

Conversions

Conversions Part 2

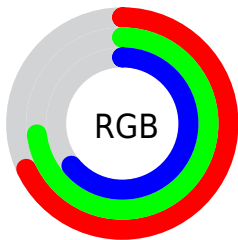
Format	Color
RYB	162, 186, 175
Decimal	11385506
CIELab	74.00, -8.92, 10.64
CIELCh	74, 13.887, 129.963
Yxy	46.7039, 0.3204, 0.3615
Android (android.graphics.Color)	4289575586 (0xFFADBAA2)
YUV	179.3770, -8.5669, -5.5926
Hunter-Lab	68.3403, -11.4653, 12.1901

Details

The CIELCh color **74, 13.887, 129.963** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68, 14.114, 311.064**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 13.824, 130.703**, and **54, 14.090, 129.087** is the 20% darker color. If you saturate the color by 10%, you get **73, 24.672, 129.496**, and if you desaturate by 10%, it is **75, 3.104, 130.433**.

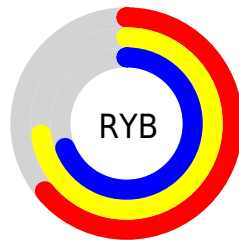
Distribution



Red (68%)

Green (73%)

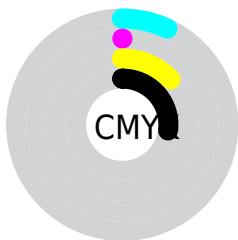
Blue (64%)



Red (64%)

Yellow (73%)

Blue (69%)

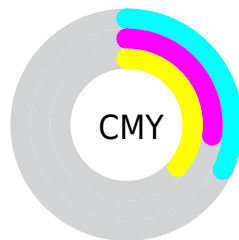


Cyan (7%)

Magenta (0%)

Yellow (13%)

Black (27%)



Cyan (32%)


Magenta (27%)


Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 13.887, 129.963 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, 13.887, 129.963 by changing the saturation by 10% instead.


 74, 13.887,
129.963


 74, 13.887,
129.963


 100, 13.887,
129.963


 64, 13.887,
129.963


 94, 13.887,
129.963

 54, 13.887,
129.963

 44, 13.887,
129.963

 34, 13.887,
129.963

 24, 13.887,
129.963

 14, 13.887,
129.963

 4, 13.887, 129.963

0, 13.887, 129.963

74, 13.887,
129.963

74, 13.887,
129.963

73, 24.672,
129.496

75, 3.104, 130.433

72, 35.357,
129.014

77, 7.615, 310.778

71, 45.809,
128.541

78, 18.220,
311.151

70, 55.833,
128.120

79, 28.677,
311.479

69, 65.150,
127.816

81, 38.843,
311.831

69, 73.383,
127.727

82, 39.969,
316.587

83, 41.342,

■ 68, 80.077,
127.977

321.137

■ 68, 84.839,
128.681

■ 84, 42.946,
325.444

■ 67, 87.274,
129.366

■ 84, 43.143,
325.919

Harmonies

Complementary

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



74, 13.887, 129.963



68, 14.114, 311.064

Rectangle

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



74, 13.887, 129.963



74, 13.887, 179.963



74, 13.887, 309.963



74, 13.887, 359.963

Sweetspot

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



74, 13.889, 129.966



95, 5.317, 130.372



72, 8.192, 77.302



51, 3.812, 130.336



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, 13.889, 129.966



93, 20.016, 129.857



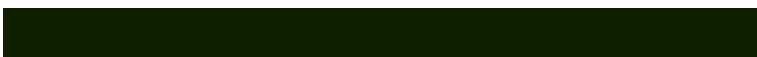
73, 15.560, 144.577



39, 6.166, 130.127



58, 77.180, 129.165



9, 19.360, 134.371

Inverse Universe

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



68, 14.114, 311.064



85, 20.396, 311.174



69, 15.581, 326.037



37, 6.242, 310.901



25, 86.416, 313.023



2, 18.210, 306.451

Previews

White Background



This preview shows how the CIELCh color 74, 13.887, 129.963 looks on a white background.

Color Contrast Check

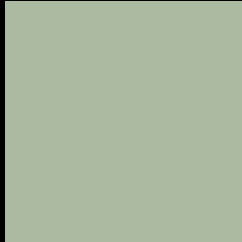
Large Text (above 18pt) WCAG AA × Fail

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, 13.887, 129.963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

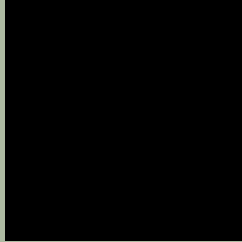
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

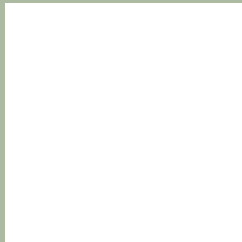
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 13.887, 129.963

Background



This preview shows how black text looks on a background with the CIELCh color 74, 13.887, 129.963.



This preview shows how white text looks on a background with the CIELCh color 74, 13.887, 129.963.

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](#).

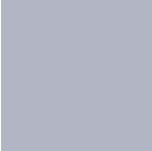
Dichromacy



Original Color
74, 13.887, 129.963

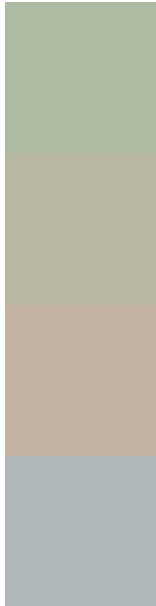
Protanopia
74, 11.850, 91.752

Deuteranopia
74, 13.632, 45.930



Tritanopia
74, 8.180, 283.412

Trichromacy



Original Color
74, 13.887, 129.963

Protanomaly
74, 11.848, 107.148

Deuteranomaly
74, 10.444, 75.141

Tritanomaly
74, 2.619, 211.336

Monochromacy



Original Color
74, 13.887, 129.963

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 4.588, 128.904

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 13.887, 129.963 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, 186, 162)` looks like.

```
.text, #text, p{  
    color:rgb(173, 186, 162)  
}
```

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, 186, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 186, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 13.887, 129.963 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, 186, 162) }
```

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

```
.border{ border-color:rgb(173, 186, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 186, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 186, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 186, 162);  
box-shadow:4px 4px 4px 4px rgb(173, 186,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 13.887, 129.963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 186, 162) }
```

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

```
.background{ background-color: rgb(173,  
186, 162) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor