

Converting Colors

CIELCh(74, 21.979, 130.763)

Have a look what the booklet for
CIELCh(74, 21.979, 130.763)
contains.

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Color

CIELCh(74, 22.151, 130.902)

Conversions

Conversions Part 1

Format	Color
Hex	A7BD97
RGB	167, 189, 151
RGB Percent	65%, 74%, 59%
CMY	0.3461, 0.2598, 0.4088
CMYK	0.12, 0.00, 0.20, 0.26
HSL	95°, 22%, 67%
HSV	95°, 20%, 74%
XYZ	39.5956, 46.7039, 36.1045
YIQ	178.0900, -0.9140, -16.4820

Conversions

Conversions Part 2

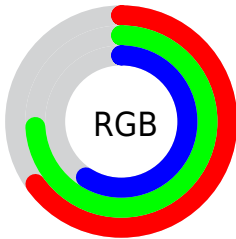
Format	Color
RYB	151, 189, 173
Decimal	10993047
CIELab	74.00, -14.50, 16.74
CIELCh	74, 22.151, 130.902
Yxy	46.7039, 0.3235, 0.3816
Android (android.graphics.Color)	4289183127 (0xFFA7BD97)
YUV	178.0900, -13.3554, -9.7259
Hunter-Lab	68.3403, -16.1747, 16.5150

Details

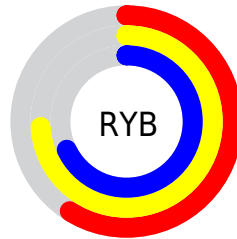
The CIELCh color **74, 22.151, 130.902** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **65, 22.654, 312.649**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 22.179, 130.934**, and **54, 22.313, 130.777** is the 20% darker color. If you saturate the color by 10%, you get **73, 33.116, 130.420**, and if you desaturate by 10%, it is **75, 11.128, 131.366**.

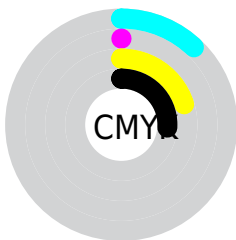
Distribution



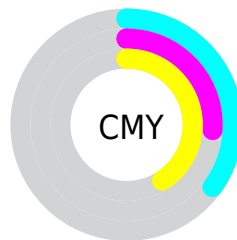
- Red (65%)
- Green (74%)
- Blue (59%)



- Red (59%)
- Yellow (74%)
- Blue (68%)



- Cyan (12%)
- Magenta (0%)
- Yellow (20%)
- Black (26%)




- Cyan (35%)
- Magenta (26%)
- Yellow (41%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 22.151, 130.902 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, 22.151, 130.902 by changing the saturation by 10% instead.

 74, 22.151,
130.902

 74, 22.151,
130.902


 100, 22.151,
130.902

 64, 22.151,
130.902


 94, 22.151,
130.902

 54, 22.151,
130.902

 44, 22.151,
130.902

 34, 22.151,
130.902

 24, 22.151,
130.902

 14, 22.151,
130.902

 4, 22.151, 130.902

0, 22.151, 130.902

74, 22.151,
130.902

74, 22.151,
130.902

73, 33.116,
130.420

75, 11.128,
131.366

72, 43.888,
129.933

77, 0.131, 132.823

71, 54.286,
129.476

78, 10.771,
312.145

70, 64.050,
129.109

79, 21.534,
312.494

69, 72.819,
128.920

81, 32.126,
312.801

69, 80.144,
129.029

82, 38.176,
315.507

■ 68, 85.582,
129.558

■ 83, 39.642,
320.670

■ 68, 89.189,
130.441

■ 84, 41.392,
325.520

■ 84, 41.532,
325.865

Harmonies

Complementary

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



74, 22.151, 130.902



65, 22.654, 312.649

Rectangle

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



74, 22.151, 130.902



74, 22.151, 180.902



74, 22.151, 310.902



74, 22.151, 0.902

Sweetspot

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



74, 22.153, 130.904



95, 8.128, 131.549



71, 13.438, 79.696



51, 5.391, 131.519



98, 0.011, 296.813



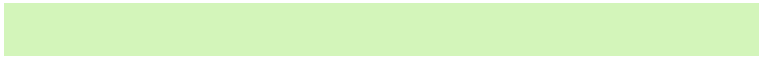
51, 0.007, 296.813

Same Dimension

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



74, 22.153, 130.904



93, 32.620, 130.700



73, 24.068, 144.982



39, 6.223, 131.402



58, 78.051, 130.232



9, 19.560, 135.430

Inverse Universe

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



65, 22.654, 312.649



80, 33.520, 312.849



67, 24.097, 327.408



37, 6.294, 312.159



26, 85.740, 313.975



2, 18.347, 307.815

Previews

White Background



This preview shows how the CIELCh color 74, 22.151, 130.902 looks on a white background.

Color Contrast Check

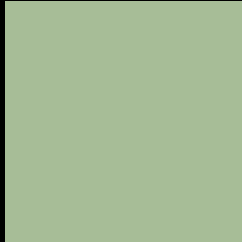
Large Text (above 18pt) WCAG AA × Fail

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, 22.151, 130.902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

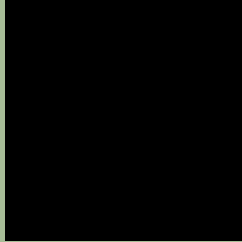
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

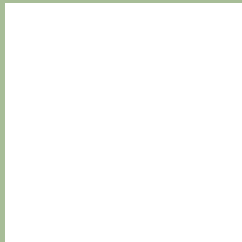
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 22.151, 130.902

Background



This preview shows how black text looks on a background with the CIELCh color 74, 22.151, 130.902.



This preview shows how white text looks on a background with the CIELCh color 74, 22.151, 130.902.

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, 22.151, 130.902

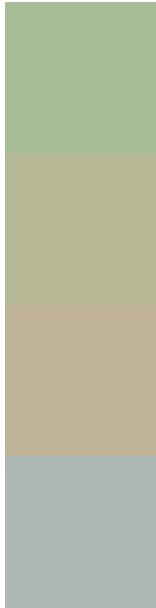
Protanopia
74, 18.829, 94.800

Deuteranopia
74, 17.891, 59.182



Tritanopia
74, 8.551, 271.531

Trichromacy



Original Color
74, 22.151, 130.902

Protanomaly
74, 19.328, 109.484

Deuteranomaly
74, 15.598, 87.787

Tritanomaly
74, 5.286, 174.874

Monochromacy



Original Color
74, 22.151, 130.902

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 8.181, 131.220

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 22.151, 130.902 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(167, 189, 151)` looks like.

```
.text, #text, p{  
    color:rgb(167, 189, 151)  
}
```

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(167, 189, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 189, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 22.151, 130.902 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(167, 189, 151) }
```

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

```
.border{ border-color:rgb(167, 189, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 189, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 189, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 189, 151);  
box-shadow:4px 4px 4px 4px rgb(167, 189,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 22.151, 130.902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 189, 151) }
```

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

```
.background{ background-color: rgb(167,  
189, 151) }
```

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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