

Converting Colors

CIELCh(74, 21.665, 127.255)

Have a look what the booklet for
CIELCh(74, 21.665, 127.255)
contains.

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Color

CIELCh(74, 21.594, 127.216)

Conversions

Conversions Part 1

Format	Color
Hex	AABC96
RGB	170, 188, 150
RGB Percent	67%, 74%, 59%
CMY	0.3334, 0.2628, 0.4118
CMYK	0.10, 0.00, 0.20, 0.26
HSL	88°, 22%, 66%
HSV	88°, 20%, 74%
XYZ	40.0564, 46.7039, 35.7502
YIQ	178.2860, 1.4700, -15.6340

Conversions

Conversions Part 2

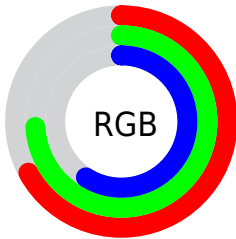
Format	Color
RYB	150, 188, 168
Decimal	11189398
CIELab	74.00, -13.06, 17.20
CIELCh	74, 21.594, 127.216
Yxy	46.7039, 0.3270, 0.3812
Android (android.graphics.Color)	4289379478 (0xFFAABC96)
YUV	178.2860, -13.9450, -7.2668
Hunter-Lab	68.3403, -14.9709, 16.8224

Details

The CIELCh color **74, 21.594, 127.216** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **65, 22.231, 309.112**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 21.655, 127.435**, and **54, 21.712, 126.882** is the 20% darker color. If you saturate the color by 10%, you get **73, 32.202, 126.729**, and if you desaturate by 10%, it is **75, 10.908, 127.697**.

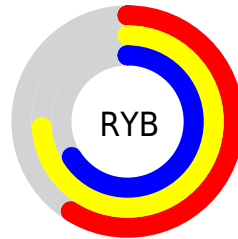
Distribution



Red (67%)

Green (74%)

Blue (59%)



Red (59%)

Yellow (74%)

Blue (66%)

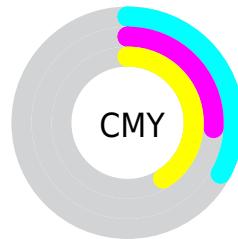


Cyan (10%)

Magenta (0%)

Yellow (20%)

Black (26%)



Cyan (33%)


Magenta (26%)


Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 21.594, 127.216 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, 21.594, 127.216 by changing the saturation by 10% instead.


 74, 21.594,
127.216


 74, 21.594,
127.216


 100, 21.594,
127.216


 64, 21.594,
127.216


 94, 21.594,
127.216

 54, 21.594,
127.216

 44, 21.594,
127.216

 34, 21.594,
127.216

 24, 21.594,
127.216

 14, 21.594,
127.216

 4, 21.594, 127.216

0, 21.594, 127.216

74, 21.594,
127.216

74, 21.594,
127.216

73, 32.202,
126.729

75, 10.908,
127.697

72, 42.606,
126.251

76, 0.221, 128.610

71, 52.635,
125.821

77, 10.406,
308.543

71, 62.039,
125.499

79, 20.931,
308.930

70, 70.467,
125.373

80, 31.323,
309.278

69, 77.478,
125.561

81, 37.688,
311.300

■ 69, 82.643,
126.183

■ 82, 38.660,
315.642

■ 68, 86.024,
127.169

■ 83, 39.832,
319.818

■ 84, 41.193,
323.798

Harmonies

Complementary

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



74, 21.594, 127.216



65, 22.231, 309.112

Rectangle

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



74, 21.594, 127.216



74, 21.594, 177.216



74, 21.594, 307.216



74, 21.594, 357.216

Sweetspot

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



74, 21.596, 127.218



96, 7.930, 127.892



70, 12.659, 69.338



51, 5.259, 127.861



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, 21.596, 127.218



93, 31.753, 127.014



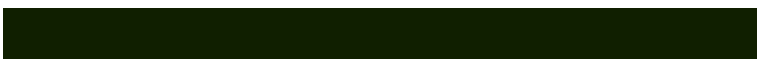
73, 24.945, 142.329



39, 6.069, 127.738



58, 75.530, 126.952



10, 18.979, 132.207

Inverse Universe

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



65, 22.231, 309.112



80, 32.894, 309.336



66, 24.993, 324.594



37, 6.156, 308.562



24, 87.674, 311.451



2, 18.003, 304.099

Previews

White Background



This preview shows how the CIELCh color 74, 21.594, 127.216 looks on a white background.

Color Contrast Check

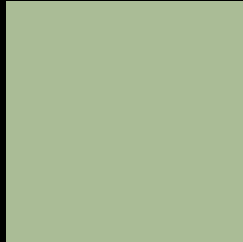
Large Text (above 18pt) WCAG AA × Fail

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, 21.594, 127.216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

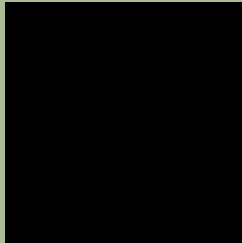
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 21.594, 127.216

Background



This preview shows how black text looks on a background with the CIELCh color 74, 21.594, 127.216.

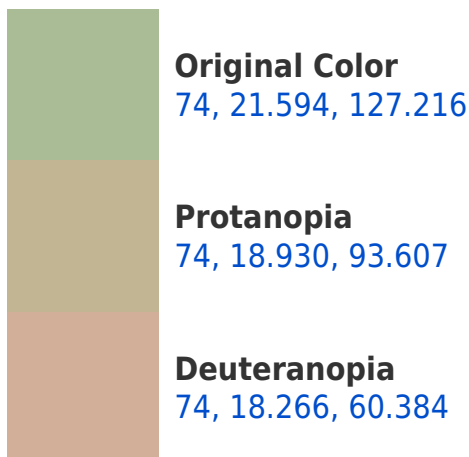


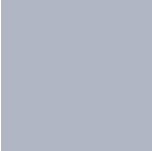
This preview shows how white text looks on a background with the CIELCh color 74, 21.594, 127.216.

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





Tritanopia
74, 7.756, 277.571

Trichromacy



Original Color
74, 21.594, 127.216

Protanomaly
74, 19.322, 107.124

Deuteranomaly
74, 16.252, 87.054

Tritanomaly
74, 4.616, 163.292

Monochromacy



Original Color
74, 21.594, 127.216

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 8.042, 128.748

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 21.594, 127.216 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(170, 188, 150)` looks like.

```
.text, #text, p{  
    color:rgb(170, 188, 150)  
}
```

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(170, 188, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 188, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 21.594, 127.216 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(170, 188, 150) }
```

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

```
.border{ border-color:rgb(170, 188, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 188, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 188, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 188, 150);  
box-shadow:4px 4px 4px 4px rgb(170, 188,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 21.594, 127.216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 188, 150) }
```

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

```
.background{ background-color: rgb(170,  
188, 150) }
```

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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