

Converting Colors

CIELCh(74, 30.562, 112.381)

Have a look what the booklet for
CIELCh(74, 30.562, 112.381)
contains.

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Color

CIELCh(74, 30.987, 112.497)

Conversions

Conversions Part 1

Format	Color
Hex	B4BB81
RGB	180, 187, 129
RGB Percent	71%, 73%, 51%
CMY	0.2950, 0.2675, 0.4949
CMYK	0.04, 0.00, 0.31, 0.27
HSL	67°, 30%, 62%
HSV	67°, 31%, 73%
XYZ	40.4436, 46.7039, 27.5797
YIQ	178.2950, 14.4460, -19.5220

Conversions

Conversions Part 2

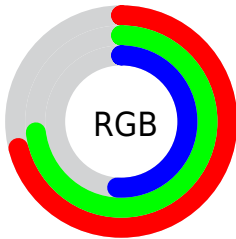
Format	Color
RYB	129, 187, 136
Decimal	11844481
CIELab	74.00, -11.86, 28.63
CIELCh	74, 30.987, 112.497
Yxy	46.7039, 0.3525, 0.4071
Android (android.graphics.Color)	4290034561 (0xFFB4BB81)
YUV	178.2950, -24.3024, 1.4953
Hunter-Lab	68.3403, -13.9598, 23.9108

Details

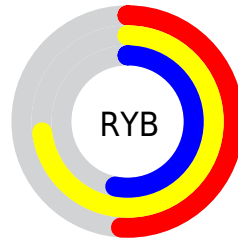
The CIELCh color **74, 30.987, 112.497** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **57, 33.336, 297.938**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 31.123, 112.673**, and **54, 31.055, 112.917** is the 20% darker color. If you saturate the color by 10%, you get **74, 40.589, 111.744**, and if you desaturate by 10%, it is **75, 21.128, 113.282**.

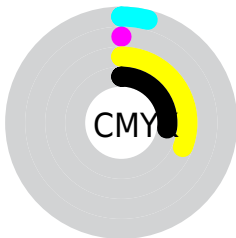
Distribution



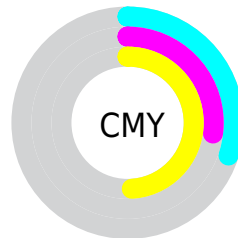
- Red (71%)
- Green (73%)
- Blue (51%)



- Red (51%)
- Yellow (73%)
- Blue (53%)



- Cyan (4%)
- Magenta (0%)
- Yellow (31%)
- Black (27%)




- Cyan (30%)
- Magenta (27%)
- Yellow (49%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 30.987, 112.497 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, 30.987, 112.497 by changing the saturation by 10% instead.


 74, 30.987,
112.497

 74, 30.987,
112.497

 100, 30.987,
112.497


 64, 30.987,
112.497

 94, 30.987,
112.497

 54, 30.987,
112.497

 44, 30.987,
112.497

 34, 30.987,
112.497

 24, 30.987,
112.497

 14, 30.987,
112.497

 4, 30.987, 112.497

■ 0, 30.987, 112.497

■ 74, 30.987,
112.497

■ 74, 30.987,
112.497

■ 74, 40.589,
111.744

■ 75, 21.128,
113.282

■ 73, 49.754,
111.045

■ 75, 11.122,
114.066

■ 73, 58.221,
110.448

■ 76, 1.047, 114.824

■ 72, 65.622,
110.010

■ 76, 9.046, 295.593

■ 72, 71.497,
109.802

■ 77, 19.122,
296.313

■ 72, 75.426,
109.893

■ 78, 29.154,
296.998

■ 79, 36.719,

■ 72, 77.478,
110.200

297.766

■ 79, 36.783,
298.892

■ 79, 36.860,
300.020

Harmonies

Complementary

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



74, 30.987, 112.497



57, 33.336, 297.938

Rectangle

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



74, 30.987, 112.497



74, 30.987, 162.497



74, 30.987, 292.497



74, 30.987, 342.497

Sweetspot

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



74, 30.989, 112.500



95, 11.195, 114.214



61, 21.854, 31.361



51, 7.841, 114.100



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, 30.989, 112.500



93, 45.360, 112.000



72, 34.186, 131.625



40, 5.755, 114.198



62, 68.473, 110.111



10, 17.121, 115.145

Inverse Universe

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



57, 33.336, 297.938



67, 49.719, 298.766



59, 35.270, 314.384



37, 5.879, 295.689



18, 92.886, 306.774



1, 17.486, 294.003

Previews

White Background



This preview shows how the CIELCh color 74, 30.987, 112.497 looks on a white background.

Color Contrast Check

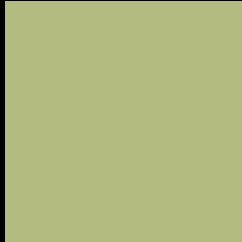
Large Text (above 18pt) WCAG AA × Fail

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, 30.987, 112.497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

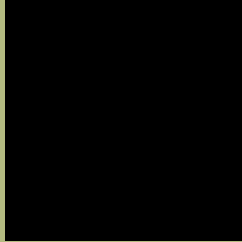
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 30.987, 112.497

Background



This preview shows how black text looks on a background with the CIELCh color 74, 30.987, 112.497.

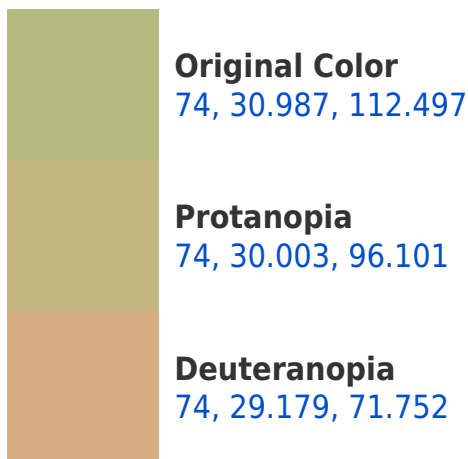


This preview shows how white text looks on a background with the CIELCh color 74, 30.987, 112.497.

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, 8.310, 314.175

Trichromacy



Original Color
74, 30.987, 112.497

Protanomaly
74, 29.979, 102.525

Deuteranomaly
74, 28.094, 87.640

Tritanomaly
74, 6.561, 99.474

Monochromacy



Original Color
74, 30.987, 112.497

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 11.366, 112.983

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 30.987, 112.497 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(180, 187, 129)` looks like.

```
.text, #text, p{  
    color:rgb(180, 187, 129)  
}
```

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(180, 187, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 187, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 30.987, 112.497 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(180, 187, 129) }
```

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

```
.border{ border-color:rgb(180, 187, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 187, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 187, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 187, 129);  
box-shadow:4px 4px 4px 4px rgb(180, 187,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 30.987, 112.497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 187, 129) }
```

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

```
.background{ background-color: rgb(180,  
187, 129) }
```

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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