

Converting Colors

CIELCh(74, 34.806, 111.487)

Have a look what the booklet for
CIELCh(74, 34.806, 111.487)
contains.

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Color

CIELCh(74, 34.589, 111.640)

Conversions

Conversions Part 1

Format	Color
Hex	B4BB7A
RGB	180, 187, 122
RGB Percent	71%, 73%, 48%
CMY	0.2937, 0.2663, 0.5212
CMYK	0.04, 0.00, 0.35, 0.27
HSL	66°, 32%, 61%
HSV	66°, 35%, 73%
XYZ	40.1543, 46.7039, 25.3402
YIQ	177.4970, 16.6930, -21.6990

Conversions

Conversions Part 2

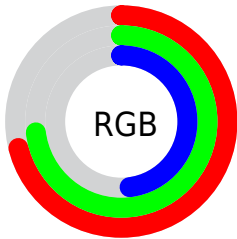
Format	Color
RYB	122, 187, 129
Decimal	11844474
CIELab	74.00, -12.76, 32.15
CIElCh	74, 34.589, 111.640
Yxy	46.7039, 0.3579, 0.4163
Android (android.graphics.Color)	4290034554 (0xFFB4BB7A)
YUV	177.4970, -27.3600, 2.1951
Hunter-Lab	68.3403, -14.7153, 25.8538

Details

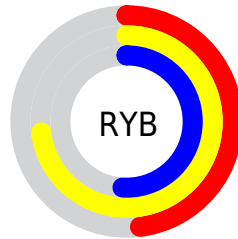
The CIELCh color **74, 34.589, 111.640** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54, 37.620, 297.979**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 34.573, 111.299**, and **54, 34.736, 111.828** is the 20% darker color. If you saturate the color by 10%, you get **74, 44.055, 110.886**, and if you desaturate by 10%, it is **74, 24.808, 112.436**.

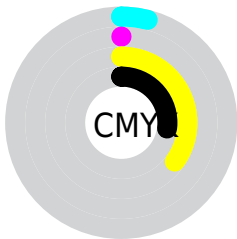
Distribution



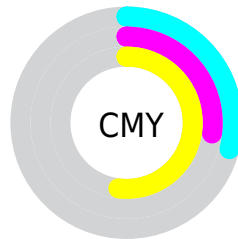
- Red (71%)
- Green (73%)
- Blue (48%)



- Red (48%)
- Yellow (73%)
- Blue (51%)



- Cyan (4%)
- Magenta (0%)
- Yellow (35%)
- Black (27%)



- Cyan (29%)
- Magenta (27%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 34.589, 111.640 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, 34.589, 111.640 by changing the saturation by 10% instead.

 74, 34.589,
111.640

 74, 34.589,
111.640


 100, 34.589,
111.640


 64, 34.589,
111.640


 94, 34.589,
111.640

 54, 34.589,
111.640

 44, 34.589,
111.640

 34, 34.589,
111.640

 24, 34.589,
111.640

 14, 34.589,
111.640

 4, 34.589, 111.640

■ 0, 34.589, 111.640

■ 74, 34.589,
111.640

■ 74, 34.589,
111.640

■ 74, 44.055,
110.886

■ 74, 24.808,
112.436

■ 73, 52.998,
110.199

■ 75, 14.841,
113.239

■ 73, 61.115,
109.631

■ 76, 4.780, 114.034

■ 76, 5.317, 294.821

■ 73, 67.998,
109.242

■ 77, 15.409,
295.568

■ 72, 73.176,
109.102

■ 78, 25.469,
296.285

■ 72, 76.305,
109.266

■ 79, 35.473,

■ 72, 77.423,
109.428

296.966

■ 79, 36.549,
297.939

■ 79, 36.608,
298.950

Harmonies

Complementary

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



74, 34.589, 111.640



54, 37.620, 297.979

Rectangle

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



74, 34.589, 111.640



74, 34.589, 161.640



74, 34.589, 291.640



74, 34.589, 341.640

Sweetspot

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



74, 34.590, 111.643



95, 12.427, 113.606



60, 25.191, 30.190



51, 8.545, 113.493



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, 34.590, 111.643



93, 51.146, 111.038



72, 38.075, 130.893



40, 5.750, 113.670



62, 68.342, 109.347



11, 17.082, 114.355

Inverse Universe

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



54, 37.620, 297.979



63, 56.988, 299.071



57, 39.513, 314.016



37, 5.874, 295.197



18, 92.988, 306.705



1, 17.478, 293.641

Previews

White Background



This preview shows how the CIELCh color 74, 34.589, 111.640 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, 34.589, 111.640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

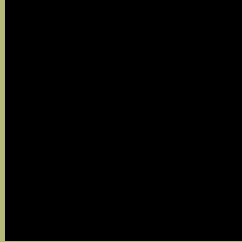
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 34.589, 111.640

Background



This preview shows how black text looks on a background with the CIELCh color 74, 34.589, 111.640.

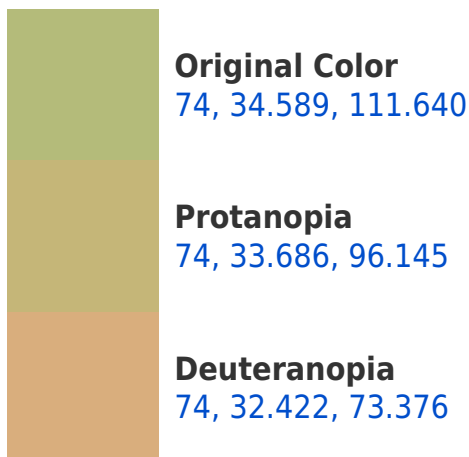



This preview shows how white text looks on a background with the CIELCh color 74, 34.589, 111.640.

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, 8.640, 318.675

Trichromacy



Original Color
74, 34.589, 111.640

Protanomaly
74, 33.643, 101.926

Deuteranomaly
74, 31.412, 87.706

Tritanomaly
74, 7.783, 95.111

Monochromacy



Original Color
74, 34.589, 111.640

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 12.440, 112.553

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 34.589, 111.640 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, 122)` looks like.

```
.text, #text, p{  
    color:rgb(180, 187, 122)  
}
```

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, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 187, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 34.589, 111.640 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, 122) }
```

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

```
.border{ border-color:rgb(180, 187, 122) }
```

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, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 187, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 187, 122);  
box-shadow:4px 4px 4px 4px rgb(180, 187,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 34.589, 111.640 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, 122) }
```

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

```
.background{ background-color: rgb(180,  
187, 122) }
```

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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