

Converting Colors

CIELCh(74, 19.730, 101.700)

Have a look what the booklet for
CIELCh(74, 19.730, 101.700)
contains.

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Color

CIELCh(74, 20.009, 101.331)

Conversions

Conversions Part 1

Format	Color
Hex	BDB792
RGB	189, 183, 146
RGB Percent	74%, 72%, 57%
CMY	0.2592, 0.2827, 0.4278
CMYK	0.00, 0.03, 0.23, 0.26
HSL	52°, 25%, 66%
HSV	52°, 23%, 74%
XYZ	43.0548, 46.7039, 33.9001
YIQ	180.5760, 15.4530, -10.2350

Conversions

Conversions Part 2

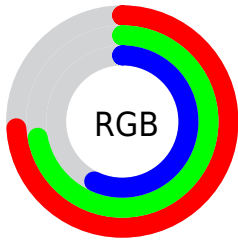
Format	Color
RYB	153, 189, 146
Decimal	12433298
CIELab	74.00, -3.93, 19.62
CIELCh	74, 20.009, 101.331
Yxy	46.7039, 0.3482, 0.3777
Android (android.graphics.Color)	4290623378 (0xFFBDB792)
YUV	180.5760, -17.0460, 7.3878
Hunter-Lab	68.3403, -7.1395, 18.4274

Details

The CIELCh color `74, 20.009, 101.331` is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be `64, 20.729, 286.686`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `94, 20.110, 101.047`, and `54, 20.071, 101.449` is the 20% darker color. If you saturate the color by 10%, you get `73, 28.767, 100.217`, and if you desaturate by 10%, it is `75, 11.207, 102.435`.

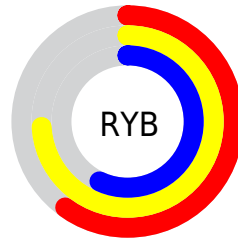
Distribution



Red (74%)

Green (72%)

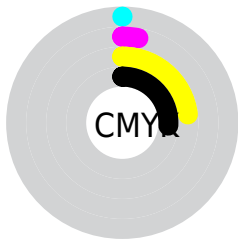
Blue (57%)



Red (60%)

Yellow (74%)

Blue (57%)

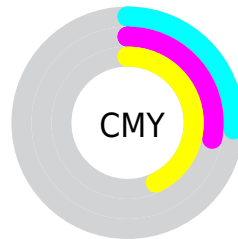


Cyan (0%)

Magenta (3%)

Yellow (23%)

Black (26%)



Cyan (26%)


Magenta (28%)


Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 20.009, 101.331 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, 20.009, 101.331 by changing the saturation by 10% instead.


 74, 20.009,
101.331


 74, 20.009,
101.331


 100, 20.009,
101.331


 64, 20.009,
101.331


 94, 20.009,
101.331

 54, 20.009,
101.331

 44, 20.009,
101.331

 34, 20.009,
101.331

 24, 20.009,
101.331

 14, 20.009,
101.331

 4, 20.009, 101.331

0, 20.009, 101.331

74, 20.009,
101.331

74, 20.009,
101.331

73, 28.767,
100.217

75, 11.207,
102.435

72, 37.385, 99.089

76, 2.413, 103.472

71, 45.708, 97.966

77, 6.343, 284.583

70, 53.483, 96.858

79, 15.040,
285.576

69, 60.320, 95.776

80, 23.670,
286.533

68, 65.682, 94.722

68, 69.014, 93.678

81, 29.998,
286.793

67, 70.352, 92.919

82, 28.629,

284.662

■ 82, 27.302,
282.332

■ 83, 26.024,
279.781

Harmonies

Complementary

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



74, 20.009, 101.331



64, 20.729, 286.686

Rectangle

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



74, 20.009, 101.331



74, 20.009, 151.331



74, 20.009, 281.331



74, 20.009, 331.331

Sweetspot

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



74, 20.010, 101.337



95, 7.577, 103.038



65, 17.412, 9.396



51, 4.922, 102.975



98, 0.011, 296.813



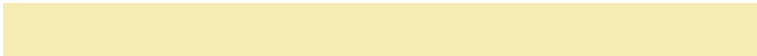
51, 0.007, 296.813

Same Dimension

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



74, 20.010, 101.337



93, 29.294, 100.815



74, 23.764, 122.456



39, 4.969, 102.801



57, 61.738, 93.067



9, 14.052, 98.830

Inverse Universe

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



64, 20.729, 286.686



77, 30.600, 287.412



63, 24.759, 305.003



37, 5.045, 284.884



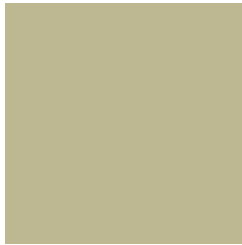
20, 85.995, 303.894



2, 15.700, 286.418

Previews

White Background



This preview shows how the CIELCh color 74, 20.009, 101.331 looks on a white background.

Color Contrast Check

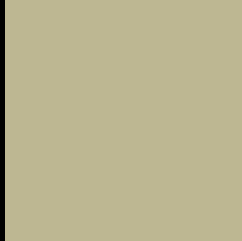
Large Text (above 18pt) WCAG AA × Fail

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, 20.009, 101.331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

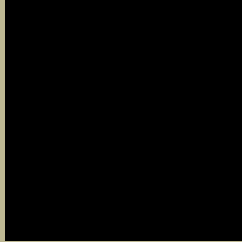
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 20.009, 101.331

Background



This preview shows how black text looks on a background with the CIELCh color 74, 20.009, 101.331.



This preview shows how white text looks on a background with the CIELCh color 74, 20.009, 101.331.

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, 20.009, 101.331

Protanopia

74, 20.377, 95.652

Deuteranopia

74, 20.843, 64.049



Tritanopia
74, 10.129, 331.868

Trichromacy



Original Color
74, 20.009, 101.331

Protanomaly
74, 20.290, 96.772

Deuteranomaly
74, 19.635, 77.430

Tritanomaly
74, 5.751, 41.723

Monochromacy



Original Color
74, 20.009, 101.331

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 7.052, 103.249

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 20.009, 101.331 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(189, 183, 146)` looks like.

```
.text, #text, p{  
    color:rgb(189, 183, 146)  
}
```

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(189, 183, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 183, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 20.009, 101.331 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(189, 183, 146) }
```

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

```
.border{ border-color:rgb(189, 183, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 183, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 183, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 183, 146);  
box-shadow:4px 4px 4px 4px rgb(189, 183,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 20.009, 101.331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 183, 146) }
```

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

```
.background{ background-color: rgb(189,  
183, 146) }
```

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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