

Converting Colors

CIELCh(74, 18.529, 104.532)

Have a look what the booklet for
CIELCh(74, 18.529, 104.532)
contains.

CIELCh(74, 18.333, 103.411)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(74, 18.333, 103.411)

Conversions

Conversions Part 1

Format	Color
Hex	BBB795
RGB	187, 183, 149
RGB Percent	73%, 72%, 58%
CMY	0.2660, 0.2816, 0.4150
CMYK	0.00, 0.02, 0.20, 0.27
HSL	54°, 22%, 66%
HSV	54°, 20%, 73%
XYZ	42.9470, 46.7039, 35.2578
YIQ	180.3200, 13.2980, -9.7260

Conversions

Conversions Part 2

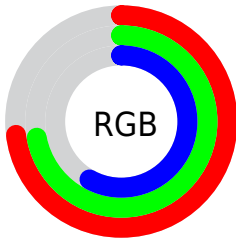
Format	Color
R_{YB}	153, 187, 149
Decimal	12302229
CIE Lab	74.00, -4.25, 17.83
CIE LCh	74, 18.333, 103.411
Yxy	46.7039, 0.3438, 0.3739
Android (android.graphics.Color)	4290492309 (0xFFBBB795)
YUV	180.3200, -15.4408, 5.8584
Hunter-Lab	68.3403, -7.4211, 17.2496

Details

The CIELCh color **74, 18.333, 103.411** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **64, 18.997, 288.000**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 18.473, 104.058**, and **54, 18.309, 103.834** is the 20% darker color. If you saturate the color by 10%, you get **73, 27.310, 102.342**, and if you desaturate by 10%, it is **75, 9.302, 104.473**.

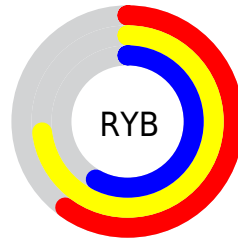
Distribution



Red (73%)

Green (72%)

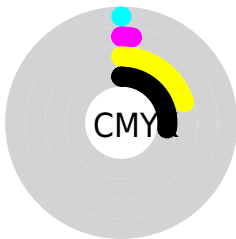
Blue (58%)



Red (60%)

Yellow (73%)

Blue (58%)

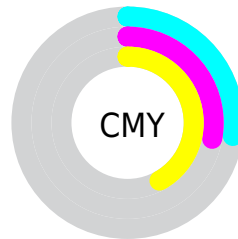


Cyan (0%)

Magenta (2%)

Yellow (20%)

Black (27%)



Cyan (27%)


Magenta (28%)


Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 18.333, 103.411 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, 18.333, 103.411 by changing the saturation by 10% instead.


 74, 18.333,
103.411


 74, 18.333,
103.411


 100, 18.333,
103.411


 64, 18.333,
103.411


 94, 18.333,
103.411

 54, 18.333,
103.411

 44, 18.333,
103.411

 34, 18.333,
103.411

 24, 18.333,
103.411

 14, 18.333,
103.411

 4, 18.333, 103.411

0, 18.333, 103.411

74, 18.333,
103.411

74, 18.333,
103.411

73, 27.310,
102.342

75, 9.302, 104.473

72, 36.139,
101.265

76, 0.266, 105.132

77, 8.742, 286.539

72, 44.678,
100.200

78, 17.702,
287.501

71, 52.690, 99.163

79, 26.603,
288.426

70, 59.819, 98.174

69, 65.571, 97.246

80, 32.015,
288.534

69, 69.408, 96.385

81, 30.961,
287.110

■ 68, 71.351, 95.596

■ 81, 29.926,
285.592

■ 82, 28.914,
283.973

Harmonies

Complementary

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



74, 18.333, 103.411



64, 18.997, 288.000

Rectangle

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



74, 18.333, 103.411



74, 18.333, 153.411



74, 18.333, 283.411



74, 18.333, 333.411

Sweetspot

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



74, 18.334, 103.417



95, 6.672, 104.905



65, 15.234, 11.685



51, 4.462, 104.839



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, 18.334, 103.417



93, 26.709, 102.979



74, 21.193, 123.866



39, 5.149, 104.571



58, 63.027, 95.697



10, 14.719, 101.350

Inverse Universe

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



64, 18.997, 288.000



78, 27.894, 288.592



64, 21.936, 306.002



37, 5.237, 286.593



19, 88.304, 304.657



2, 16.118, 287.538

Previews

White Background



This preview shows how the CIELCh color 74, 18.333, 103.411 looks on a white background.

Color Contrast Check

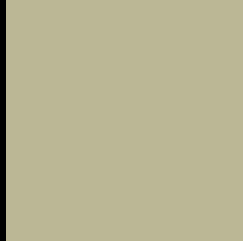
Large Text (above 18pt) WCAG AA × Fail

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, 18.333, 103.411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

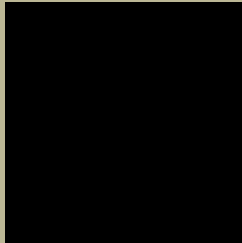
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 18.333, 103.411

Background



This preview shows how black text looks on a background with the CIELCh color 74, 18.333, 103.411.



This preview shows how white text looks on a background with the CIELCh color 74, 18.333, 103.411.

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, 18.333, 103.411

Protanopia

74, 18.410, 93.260

Deuteranopia

74, 19.347, 61.818



Tritanopia
74, 9.657, 328.497

Trichromacy



Original Color
74, 18.333, 103.411

Protanomaly
74, 18.633, 97.229

Deuteranomaly
74, 18.008, 76.177

Tritanomaly
74, 4.829, 39.218

Monochromacy



Original Color
74, 18.333, 103.411

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 7.017, 106.369

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 18.333, 103.411 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(187, 183, 149)` looks like.

```
.text, #text, p{  
    color:rgb(187, 183, 149)  
}
```

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(187, 183, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 183, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 18.333, 103.411 is called "border". The border property can be set on classes, ids or directly on the HTML element.

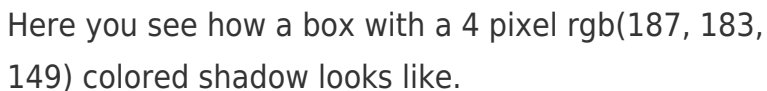
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 183, 149) }
```

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

```
.border{ border-color:rgb(187, 183, 149) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 183, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 183, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 183, 149); box-shadow:4px 4px 4px 4px rgb(187, 183, 149) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 18.333, 103.411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 183, 149) }
```

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

```
.background{ background-color: rgb(187,  
183, 149) }
```

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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