

Converting Colors

CIELCh(74, 26.729, 101.126)

Have a look what the booklet for
CIELCh(74, 26.729, 101.126)
contains.

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Color

CIELCh(74, 26.435, 100.490)

Conversions

Conversions Part 1

Format	Color
Hex	BFB786
RGB	191, 183, 134
RGB Percent	75%, 72%, 53%
CMY	0.2507, 0.2821, 0.4742
CMYK	0.00, 0.04, 0.30, 0.25
HSL	52°, 31%, 64%
HSV	52°, 30%, 75%
XYZ	42.7589, 46.7039, 29.3392
YIQ	179.8060, 20.4970, -13.5430

Conversions

Conversions Part 2

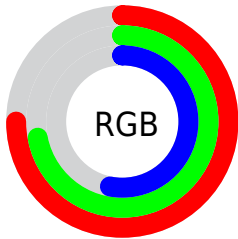
Format	Color
RYB	143, 191, 134
Decimal	12564358
CIELab	74.00, -4.81, 25.99
CIELCh	74, 26.435, 100.490
Yxy	46.7039, 0.3599, 0.3931
Android (android.graphics.Color)	4290754438 (0xFFBFB786)
YUV	179.8060, -22.5824, 9.8171
Hunter-Lab	68.3403, -7.9122, 22.3844

Details

The CIELCh color **74, 26.435, 100.490** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **60, 27.737, 287.766**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 26.257, 100.541**, and **54, 26.270, 100.075** is the 20% darker color. If you saturate the color by 10%, you get **73, 35.182, 99.366**, and if you desaturate by 10%, it is **75, 17.584, 101.611**.

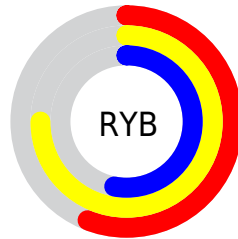
Distribution



Red (75%)

Green (72%)

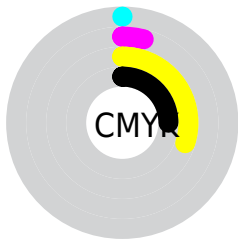
Blue (53%)



Red (56%)

Yellow (75%)

Blue (53%)

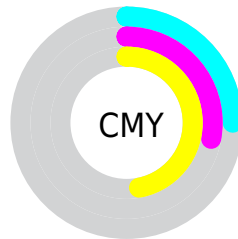


Cyan (0%)

Magenta (4%)

Yellow (30%)

Black (25%)



Cyan (25%)


Magenta (28%)

Yellow (47%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 26.435, 100.490 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, 26.435, 100.490 by changing the saturation by 10% instead.

 74, 26.435,
100.490

 74, 26.435,
100.490

 100, 26.435,
100.490


 64, 26.435,
100.490


 94, 26.435,
100.490

 54, 26.435,
100.490

 44, 26.435,
100.490

 34, 26.435,
100.490

 24, 26.435,
100.490

 14, 26.435,
100.490

 4, 26.435, 100.490

0, 26.435, 100.490

74, 26.435,
100.490

74, 26.435,
100.490

73, 35.182, 99.366

75, 17.584,
101.611

72, 43.685, 98.237

76, 8.704, 102.702

71, 51.723, 97.121

77, 0.156, 284.563

70, 58.944, 96.028

79, 8.969, 284.831

69, 64.845, 94.962

80, 17.720,
285.817

69, 68.842, 93.913

68, 70.882, 92.857

81, 26.400,
286.764

68, 70.913, 92.840

82, 28.301,
285.605

■ 83, 26.936,
283.250

■ 83, 25.620,
280.661

Harmonies

Complementary

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



74, 26.435, 100.490



60, 27.737, 287.766

Rectangle

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



74, 26.435, 100.490



74, 26.435, 150.490



74, 26.435, 280.490



74, 26.435, 330.490

Sweetspot

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



74, 26.436, 100.495



96, 9.822, 102.776



62, 23.467, 10.339



51, 6.884, 102.618



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



74, 26.436, 100.495



92, 39.270, 99.735



75, 31.350, 122.069



39, 4.964, 102.754



57, 61.707, 92.998



9, 14.036, 98.762

Inverse Universe

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



60, 27.737, 287.766



72, 41.778, 288.956



60, 33.132, 305.495



37, 5.040, 284.838



20, 85.931, 303.872



2, 15.689, 286.389

Previews

White Background



This preview shows how the CIELCh color 74, 26.435, 100.490 looks on a white background.

Color Contrast Check

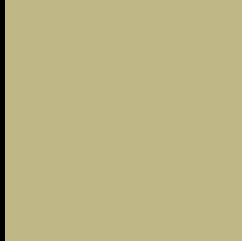
Large Text (above 18pt) WCAG AA × Fail

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, 26.435, 100.490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

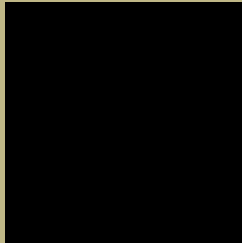
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 26.435, 100.490

Background



This preview shows how black text looks on a background with the CIELCh color 74, 26.435, 100.490.



This preview shows how white text looks on a background with the CIELCh color 74, 26.435, 100.490.

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, 26.435, 100.490

Protanopia

74, 26.810, 96.082

Deuteranopia

74, 26.964, 68.873



Tritanopia
74, 11.178, 337.756

Trichromacy



Original Color
74, 26.435, 100.490

Protanomaly
74, 26.726, 96.952

Deuteranomaly
74, 25.766, 80.114

Tritanomaly
74, 7.853, 57.819

Monochromacy



Original Color
74, 26.435, 100.490

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 9.774, 102.397

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 26.435, 100.490 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(191, 183, 134)` looks like.

```
.text, #text, p{  
    color:rgb(191, 183, 134)  
}
```

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(191, 183, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 183, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 26.435, 100.490 is called "border". The border property can be set on classes, ids or directly on the HTML element.

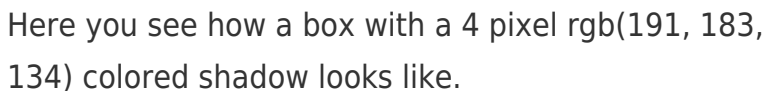
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(191, 183, 134) }
```

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

```
.border{ border-color:rgb(191, 183, 134) }
```

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



Here you see how a box with a 4 pixel `rgb(191, 183, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 183, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 183, 134); box-shadow:4px 4px 4px 4px rgb(191, 183, 134) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 26.435, 100.490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 183, 134) }
```

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

```
.background{ background-color: rgb(191,  
183, 134) }
```

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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