

Converting Colors

CIELCh(76, 30.428, 101.841)

Have a look what the booklet for
CIELCh(76, 30.428, 101.841)
contains.

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Color

CIELCh(76, 30.401, 101.858)

Conversions

Conversions Part 1

Format	Color
Hex	C4BD84
RGB	196, 189, 132
RGB Percent	77%, 74%, 52%
CMY	0.2308, 0.2582, 0.4818
CMYK	0.00, 0.04, 0.33, 0.23
HSL	53°, 35%, 64%
HSV	53°, 33%, 77%
XYZ	45.2106, 49.8872, 29.1279
YIQ	184.5950, 22.4690, -16.2430

Conversions

Conversions Part 2

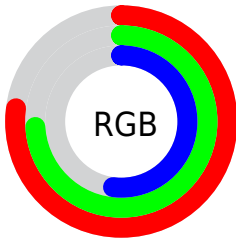
Format	Color
RYB	140, 196, 132
Decimal	12893572
CIELab	76.00, -6.25, 29.75
CIELCh	76, 30.401, 101.858
Yxy	49.8872, 0.3639, 0.4016
Android (android.graphics.Color)	4291083652 (0xFFC4BD84)
YUV	184.5950, -25.9293, 10.0022
Hunter-Lab	70.6309, -9.3470, 24.9906

Details

The CIELCh color **76, 30.401, 101.858** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **59, 32.299, 289.739**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 30.092, 101.956**, and **56, 30.322, 102.274** is the 20% darker color. If you saturate the color by 10%, you get **75, 39.489, 100.776**, and if you desaturate by 10%, it is **77, 21.138, 102.947**.

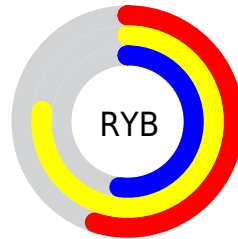
Distribution



Red (77%)

Green (74%)

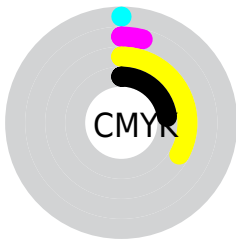
Blue (52%)



Red (55%)

Yellow (77%)

Blue (52%)

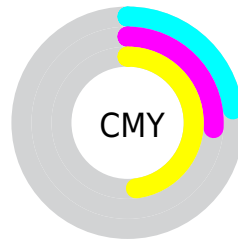


Cyan (0%)

Magenta (4%)

Yellow (33%)

Black (23%)



Cyan (23%)


Magenta (26%)


Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 30.401, 101.858 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 76, 30.401, 101.858 by changing the saturation by 10% instead.


 76, 30.401,
101.858


 76, 30.401,
101.858


 100, 30.401,
101.858


 66, 30.401,
101.858


 96, 30.401,
101.858

 56, 30.401,
101.858

 46, 30.401,
101.858

 36, 30.401,
101.858

 26, 30.401,
101.858

 16, 30.401,
101.858

 6, 30.401, 101.858

0, 30.401, 101.858

76, 30.401,
101.858

76, 30.401,
101.858

75, 39.489,
100.776

77, 21.138,
102.947

74, 48.229, 99.705

78, 11.799,
104.017

74, 56.347, 98.666

79, 2.449, 105.032

73, 63.435, 97.675

80, 6.877, 286.113

72, 68.947, 96.745

81, 16.154,
287.087

72, 72.343, 95.873

71, 73.675, 95.254

82, 25.371,
288.026

83, 26.948,

286.959

■ 84, 25.837,
285.058

■ 84, 24.757,
282.996

Harmonies

Complementary

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



76, 30.401, 101.858



59, 32.299, 289.739

Rectangle

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



76, 30.401, 101.858



76, 30.401, 151.858



76, 30.401, 281.858



76, 30.401, 331.858

Sweetspot

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



76, 30.402, 101.862



99, 11.554, 104.277



62, 26.351, 13.313



53, 7.884, 104.127



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



76, 30.402, 101.862



95, 44.798, 101.104



76, 35.216, 123.215



41, 5.241, 104.360



59, 63.602, 95.375



11, 16.264, 100.180

Inverse Universe

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



59, 32.299, 289.739



71, 48.407, 291.005



60, 37.321, 306.808



38, 5.330, 286.396



20, 89.161, 304.596



2, 17.971, 288.061

Previews

White Background



This preview shows how the CIELCh color 76, 30.401, 101.858 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 CIE LCh color 76, 30.401, 101.858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

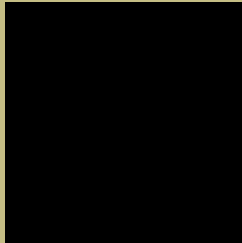
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

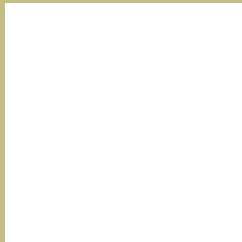
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 30.401, 101.858

Background



This preview shows how black text looks on a background with the CIELCh color 76, 30.401, 101.858.



This preview shows how white text looks on a background with the CIELCh color 76, 30.401, 101.858.

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

76, 30.401, 101.858

Protanopia

76, 30.464, 95.557

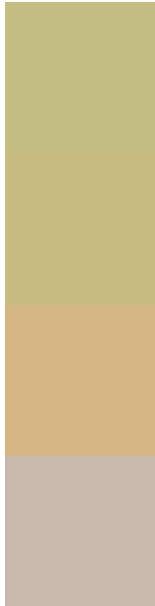
Deuteranopia

76, 30.421, 71.613



Tritanopia
76, 11.399, 339.044

Trichromacy



Original Color
76, 30.401, 101.858

Protanomaly
76, 30.708, 97.988

Deuteranomaly
76, 29.662, 82.692

Tritanomaly
76, 9.201, 63.996

Monochromacy



Original Color
76, 30.401, 101.858

Achromatopsia
75, 0.009, 296.813

Achromatomaly
76, 11.283, 105.174

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 30.401, 101.858 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(196, 189, 132)` looks like.

```
.text, #text, p{  
    color:rgb(196, 189, 132)  
}
```

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(196, 189, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 189, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 30.401, 101.858 is called "border". The border property can be set on classes, ids or directly on the HTML element.

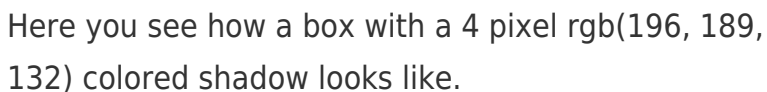
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 189, 132) }
```

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

```
.border{ border-color:rgb(196, 189, 132) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 189, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 189, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 189, 132); box-shadow:4px 4px 4px 4px rgb(196, 189, 132) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 30.401, 101.858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 189, 132) }
```

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

```
.background{ background-color: rgb(196,  
189, 132) }
```

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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