

Converting Colors

CIELCh(76, 33.161, 102.187)

Have a look what the booklet for
CIELCh(76, 33.161, 102.187)
contains.

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Color

CIELCh(76, 32.983, 101.999)

Conversions

Conversions Part 1

Format	Color
Hex	C4BD7F
RGB	196, 189, 127
RGB Percent	77%, 74%, 50%
CMY	0.2299, 0.2573, 0.5005
CMYK	0.00, 0.04, 0.35, 0.23
HSL	54°, 37%, 63%
HSV	54°, 35%, 77%
XYZ	44.9989, 49.8872, 27.4588
YIQ	184.0250, 24.0740, -17.7980

Conversions

Conversions Part 2

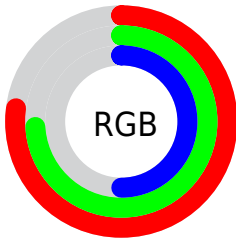
Format	Color
RYB	135, 196, 127
Decimal	12893567
CIELab	76.00, -6.86, 32.26
CIELCh	76, 32.983, 101.999
Yxy	49.8872, 0.3678, 0.4078
Android (android.graphics.Color)	4291083647 (0xFFC4BD7F)
YUV	184.0250, -28.1133, 10.5021
Hunter-Lab	70.6309, -9.8818, 26.3918

Details

The CIELCh color **76, 32.983, 101.999** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **58, 35.311, 290.539**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 33.081, 102.212**, and **56, 32.984, 102.257** is the 20% darker color. If you saturate the color by 10%, you get **75, 42.063, 100.932**, and if you desaturate by 10%, it is **77, 23.683, 103.079**.

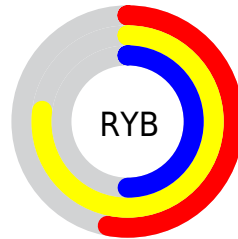
Distribution



Red (77%)

Green (74%)

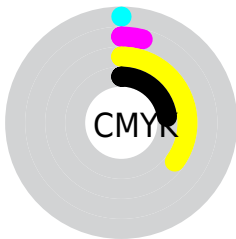
Blue (50%)



Red (53%)

Yellow (77%)

Blue (50%)

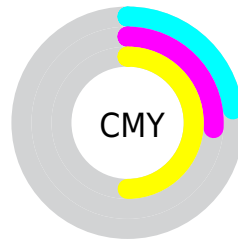


Cyan (0%)

Magenta (4%)

Yellow (35%)

Black (23%)



Cyan (23%)


Magenta (26%)


Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 32.983, 101.999 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, 32.983, 101.999 by changing the saturation by 10% instead.


 76, 32.983,
101.999

 76, 32.983,
101.999


 100, 32.983,
101.999


 66, 32.983,
101.999


 96, 32.983,
101.999

 56, 32.983,
101.999

 46, 32.983,
101.999

 36, 32.983,
101.999

 26, 32.983,
101.999

 16, 32.983,
101.999

 6, 32.983, 101.999

0, 32.983, 101.999

76, 32.983,
101.999

76, 32.983,
101.999

75, 42.063,
100.932

77, 23.683,
103.079

74, 50.724, 99.882

78, 14.279,
104.146

74, 58.660, 98.873

79, 4.845, 105.181

73, 65.422, 97.923

80, 4.576, 286.248

72, 70.450, 97.044

81, 13.958,
287.220

72, 73.262, 96.231

72, 74.111, 95.851

82, 23.284,
288.165

83, 27.385,

287.815

■ 83, 26.339,
286.113

■ 84, 25.319,
284.279

Harmonies

Complementary

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



76, 32.983, 101.999



58, 35.311, 290.539

Rectangle

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



76, 32.983, 101.999



76, 32.983, 151.999



76, 32.983, 281.999



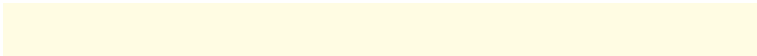
76, 32.983, 331.999

Sweetspot

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



76, 32.984, 102.003



99, 12.814, 104.564



61, 28.597, 13.699



52, 8.611, 104.419



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, 32.984, 102.003



95, 48.480, 101.198



76, 37.907, 123.086



42, 5.398, 104.749



60, 64.658, 95.954



12, 18.018, 100.017

Inverse Universe

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



58, 35.311, 290.539



68, 52.929, 291.952



58, 40.380, 306.982



39, 5.492, 286.778



20, 90.763, 304.774



2, 19.978, 289.042

Previews

White Background



This preview shows how the CIELCh color 76, 32.983, 101.999 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, 32.983, 101.999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

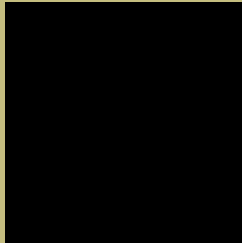
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 32.983, 101.999

Background



This preview shows how black text looks on a background with the CIELCh color 76, 32.983, 101.999.



This preview shows how white text looks on a background with the CIELCh color 76, 32.983, 101.999.

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, 32.983, 101.999

Protanopia

76, 33.111, 95.440

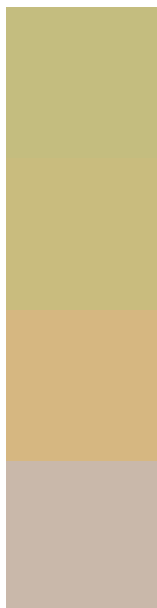
Deuteranopia

76, 32.743, 72.300



Tritanopia
76, 11.399, 339.044

Trichromacy



Original Color
76, 32.983, 101.999

Protanomaly
76, 33.347, 97.690

Deuteranomaly
76, 31.799, 83.287

Tritanomaly
76, 10.002, 68.205

Monochromacy



Original Color
76, 32.983, 101.999

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 12.391, 103.593

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 32.983, 101.999 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, 127)` looks like.

```
.text, #text, p{  
    color:rgb(196, 189, 127)  
}
```

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, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 189, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 32.983, 101.999 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, 127) }
```

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

```
.border{ border-color:rgb(196, 189, 127) }
```

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, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 189, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 189, 127);  
box-shadow:4px 4px 4px 4px rgb(196, 189,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 32.983, 101.999 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, 127) }
```

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

```
.background{ background-color: rgb(196,  
189, 127) }
```

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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