

Converting Colors

CIELCh(76, 33.861, 109.329)

Have a look what the booklet for
CIELCh(76, 33.861, 109.329)
contains.

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Color

CIELCh(76, 33.843, 109.759)

Conversions

Conversions Part 1

Format	Color
Hex	BCC080
RGB	188, 192, 128
RGB Percent	74%, 75%, 50%
CMY	0.2632, 0.2474, 0.4984
CMYK	0.02, 0.00, 0.33, 0.25
HSL	64°, 34%, 63%
HSV	64°, 33%, 75%
XYZ	43.4295, 49.8872, 27.7282
YIQ	183.5080, 18.1600, -20.7520

Conversions

Conversions Part 2

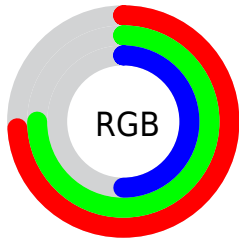
Format	Color
RYB	128, 192, 132
Decimal	12370048
CIELab	76.00, -11.44, 31.85
CIELCh	76, 33.843, 109.759
Yxy	49.8872, 0.3588, 0.4121
Android (android.graphics.Color)	4290560128 (0xFFBCC080)
YUV	183.5080, -27.3654, 3.9395
Hunter-Lab	70.6309, -13.8481, 26.1656

Details

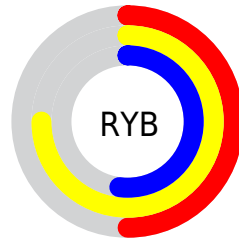
The CIELCh color **76, 33.843, 109.759** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **56, 36.717, 296.356**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 33.890, 109.495**, and **56, 33.931, 109.860** is the 20% darker color. If you saturate the color by 10%, you get **76, 43.531, 108.932**, and if you desaturate by 10%, it is **76, 23.853, 110.623**.

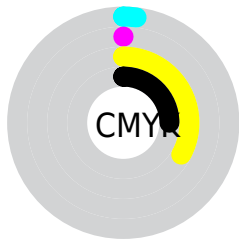
Distribution



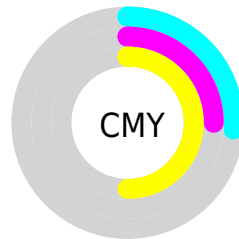
- Red (74%)
- Green (75%)
- Blue (50%)



- Red (50%)
- Yellow (75%)
- Blue (52%)



- Cyan (2%)
- Magenta (0%)
- Yellow (33%)
- Black (25%)





- Cyan (26%)
- Magenta (25%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 33.843, 109.759 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, 33.843, 109.759 by changing the saturation by 10% instead.


 76, 33.843,
109.759


 76, 33.843,
109.759


 100, 33.843,
109.759


 66, 33.843,
109.759


 96, 33.843,
109.759

 56, 33.843,
109.759

 46, 33.843,
109.759

 36, 33.843,
109.759

 26, 33.843,
109.759

 16, 33.843,
109.759

 6, 33.843, 109.759

■ 0, 33.843, 109.759

■ 76, 33.843,
109.759

■ 76, 33.843,
109.759

■ 76, 43.531,
108.932

■ 76, 23.853,
110.623

■ 75, 52.712,
108.164

■ 77, 13.688,
111.491

■ 75, 61.091,
107.498

■ 77, 3.434, 112.345

■ 75, 68.256,
106.986

■ 78, 6.852, 293.204

■ 75, 73.727,
106.683

■ 79, 17.133,
294.015

■ 74, 77.119,
106.638

■ 79, 27.380,
294.794

■ 80, 33.746,

■ 74, 78.487,
106.716

295.507

■ 80, 33.768,
296.160

■ 80, 33.794,
296.815

Harmonies

Complementary

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



76, 33.843, 109.759



56, 36.717, 296.356

Rectangle

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



76, 33.843, 109.759



76, 33.843, 159.759



76, 33.843, 289.759



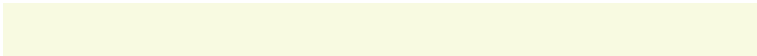
76, 33.843, 339.759

Sweetspot

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



76, 33.844, 109.762



98, 12.715, 111.767



61, 25.607, 26.017



52, 8.671, 111.645



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



76, 33.844, 109.762



96, 49.941, 109.152



74, 36.814, 129.273



41, 5.864, 111.835



63, 68.799, 106.666



12, 18.680, 110.543

Inverse Universe

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



56, 36.717, 296.356



66, 55.404, 297.446



59, 38.361, 312.332



37, 5.993, 293.501



18, 94.386, 306.506



1, 19.501, 292.829

Previews

White Background



This preview shows how the CIELCh color 76, 33.843, 109.759 looks on a white background.

Color Contrast Check

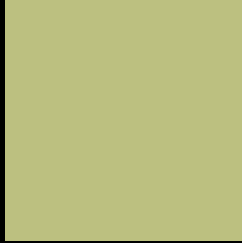
Large Text (above 18pt) WCAG AA × Fail

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, 33.843, 109.759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

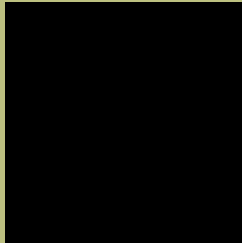
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 33.843, 109.759

Background



This preview shows how black text looks on a background with the CIELCh color 76, 33.843, 109.759.



This preview shows how white text looks on a background with the CIELCh color 76, 33.843, 109.759.

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, 33.843, 109.759

Protanopia

76, 33.111, 95.440

Deuteranopia

76, 32.031, 72.441



Tritanopia
76, 9.424, 321.095

Trichromacy



Original Color
76, 33.843, 109.759

Protanomaly
76, 33.072, 100.563

Deuteranomaly
76, 30.909, 86.846

Tritanomaly
76, 7.460, 88.450

Monochromacy



Original Color
76, 33.843, 109.759

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 12.356, 110.791

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 33.843, 109.759 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(188, 192, 128)` looks like.

```
.text, #text, p{  
    color:rgb(188, 192, 128)  
}
```

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(188, 192, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 192, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 33.843, 109.759 is called "border". The border property can be set on classes, ids or directly on the HTML element.

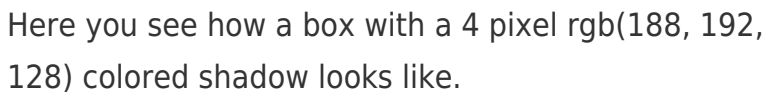
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 192, 128) }
```

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

```
.border{ border-color:rgb(188, 192, 128) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 192, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 192, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 192, 128); box-shadow:4px 4px 4px 4px rgb(188, 192, 128) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 33.843, 109.759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 192, 128) }
```

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

```
.background{ background-color: rgb(188,  
192, 128) }
```

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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