

Converting Colors

CIELCh(76, 15.858, 90.187)

Have a look what the booklet for
CIELCh(76, 15.858, 90.187) contains.

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Color

CIELCh(76, 15.867, 89.817)

Conversions

Conversions Part 1

Format	Color
Hex	C7BA9E
RGB	199, 186, 158
RGB Percent	78%, 73%, 62%
CMY	0.2185, 0.2695, 0.3794
CMYK	0.00, 0.07, 0.21, 0.22
HSL	41°, 27%, 70%
HSV	41°, 21%, 78%
XYZ	47.4345, 49.8872, 39.5943
YIQ	186.6950, 16.7360, -5.9520

Conversions

Conversions Part 2

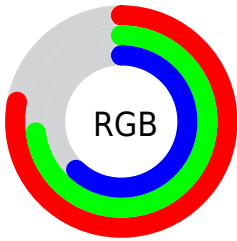
Format	Color
RYB	177, 199, 158
Decimal	13089438
CIELab	76.00, 0.05, 15.87
CIELCh	76, 15.867, 89.817
Yxy	49.8872, 0.3464, 0.3644
Android (android.graphics.Color)	4291279518 (0xFFC7BA9E)
YUV	186.6950, -14.1466, 10.7915
Hunter-Lab	70.6309, -3.7265, 16.2048

Details

The CIELCh color **76, 15.867, 89.817** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **70, 15.860, 275.319**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 15.567, 90.901**, and **56, 15.682, 89.273** is the 20% darker color. If you saturate the color by 10%, you get **74, 23.791, 88.517**, and if you desaturate by 10%, it is **78, 8.076, 91.083**.

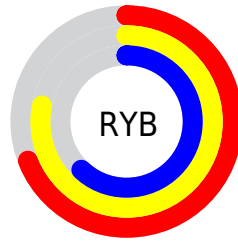
Distribution



Red (78%)

Green (73%)

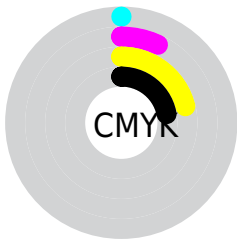
Blue (62%)



Red (69%)

Yellow (78%)

Blue (62%)

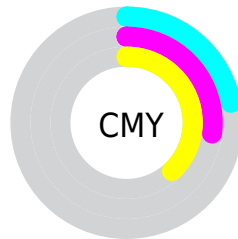


Cyan (0%)

Magenta (7%)

Yellow (21%)

Black (22%)



Cyan (22%)

Magenta (27%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 15.867, 89.817 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, 15.867, 89.817 by changing the saturation by 10% instead.

■ 76, 15.867, 89.817

■ 76, 15.867, 89.817

■ 100, 15.867,
89.817

■ 66, 15.867, 89.817

■ 96, 15.867, 89.817

■ 56, 15.867, 89.817

■ 46, 15.867, 89.817

■ 36, 15.867, 89.817

■ 26, 15.867, 89.817

■ 16, 15.867, 89.817

■ 6, 15.867, 89.817

■ 0, 15.867, 89.817

■ 76, 15.867, 89.817

■ 76, 15.867, 89.817

74, 23.791, 88.517

78, 8.076, 91.083

72, 31.803, 87.169

80, 0.430, 91.806

70, 39.818, 85.779

82, 7.068, 273.551

68, 47.666, 84.338

85, 14.423,
274.664

66, 55.036, 82.814

87, 20.207,
274.316

65, 61.408, 81.138

88, 17.798,
264.246

63, 66.042, 79.183

61, 68.629, 77.029

90, 16.077,
251.673

92, 15.259,
237.092

93, 15.469,
222.042

Harmonies

Complementary

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



76, 15.867, 89.817



70, 15.860, 275.319

Rectangle

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



76, 15.867, 89.817



76, 15.867, 139.817



76, 15.867, 269.817



76, 15.867, 319.817

Sweetspot

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



76, 15.868, 89.825



98, 5.566, 91.619



69, 17.410, 355.747



52, 3.695, 91.542



0, 0.000, 0.000



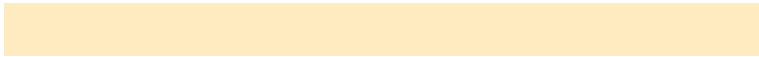
53, 0.007, 296.813

Same Dimension

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



76, 15.868, 89.825



94, 23.652, 89.205



79, 21.867, 115.221



41, 4.316, 91.229



51, 59.205, 77.459



9, 14.169, 80.582

Inverse Universe

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



70, 15.860, 275.319



85, 23.635, 276.132



67, 22.876, 298.398



39, 4.323, 273.648



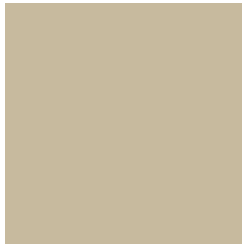
27, 71.160, 297.150



3, 16.894, 281.670

Previews

White Background



This preview shows how the CIELCh color 76, 15.867, 89.817 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 76, 15.867, 89.817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

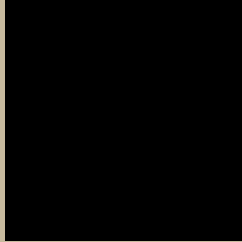
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

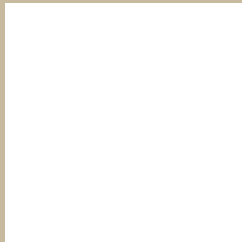
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 15.867, 89.817

Background



This preview shows how black text looks on a background with the CIELCh color 76, 15.867, 89.817.

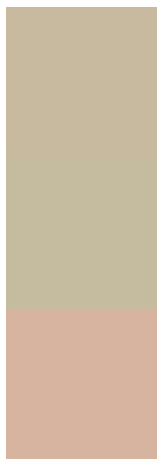


This preview shows how white text looks on a background with the CIELCh color 76, 15.867, 89.817.

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, 15.867, 89.817

Protanopia

76, 15.501, 94.007

Deuteranopia

76, 18.098, 58.431



Tritanopia
76, 11.399, 339.044

Trichromacy



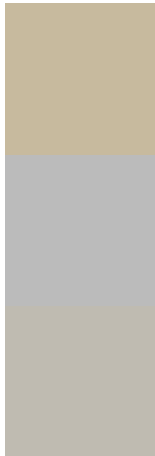
Original Color
76, 15.867, 89.817

Protanomaly
76, 15.608, 92.595

Deuteranomaly
76, 16.452, 68.160

Tritanomaly
76, 7.221, 24.170

Monochromacy



Original Color
76, 15.867, 89.817

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 5.561, 93.837

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 15.867, 89.817 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(199, 186, 158)` looks like.

```
.text, #text, p{  
    color:rgb(199, 186, 158)  
}
```

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(199, 186, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 186, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 15.867, 89.817 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(199, 186, 158) }
```

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

```
.border{ border-color:rgb(199, 186, 158) }
```

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

Here you see how a box with a 4 pixel rgb(199, 186, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 186, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 186, 158);  
box-shadow:4px 4px 4px 4px rgb(199, 186,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 15.867, 89.817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 186, 158) }
```

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

```
.background{ background-color: rgb(199,  
186, 158) }
```

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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