

Converting Colors

CIELCh(76, 27.029, 100.146)

Have a look what the booklet for
CIELCh(76, 27.029, 100.146)
contains.

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Color

CIELCh(76, 26.887, 99.780)

Conversions

Conversions Part 1

Format	Color
Hex	C5BC8A
RGB	197, 188, 138
RGB Percent	77%, 74%, 54%
CMY	0.2260, 0.2613, 0.4575
CMYK	0.00, 0.05, 0.30, 0.23
HSL	51°, 34%, 66%
HSV	51°, 30%, 77%
XYZ	45.7968, 49.8872, 31.3920
YIQ	184.9910, 21.4140, -13.6420

Conversions

Conversions Part 2

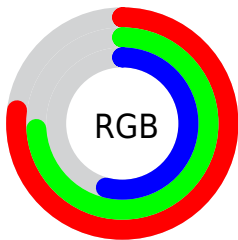
Format	Color
RYB	149, 197, 138
Decimal	12958858
CIELab	76.00, -4.57, 26.50
CIELCh	76, 26.887, 99.780
Yxy	49.8872, 0.3604, 0.3926
Android (android.graphics.Color)	4291148938 (0xFFC5BC8A)
YUV	184.9910, -23.1666, 10.5319
Hunter-Lab	70.6309, -7.8653, 23.0901

Details

The CIELCh color **76, 26.887, 99.780** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **62, 28.145, 287.170**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 26.712, 99.868**, and **56, 26.659, 100.270** is the 20% darker color. If you saturate the color by 10%, you get **75, 35.782, 98.636**, and if you desaturate by 10%, it is **77, 17.897, 100.919**.

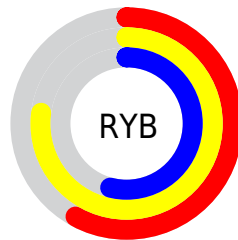
Distribution



Red (77%)

Green (74%)

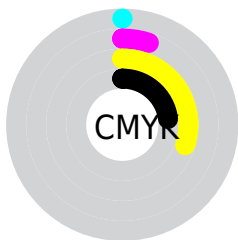
Blue (54%)



Red (58%)

Yellow (77%)

Blue (54%)

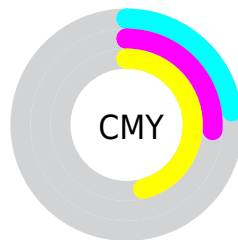


Cyan (0%)

Magenta (5%)

Yellow (30%)

Black (23%)



Cyan (23%)

Magenta (26%)

Yellow (46%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 26.887, 99.780 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, 26.887, 99.780 by changing the saturation by 10% instead.

 76, 26.887, 99.780

 76, 26.887, 99.780

 100, 26.887,
99.780

 66, 26.887, 99.780

 96, 26.887, 99.780

 56, 26.887, 99.780

 46, 26.887, 99.780

 36, 26.887, 99.780

 26, 26.887, 99.780

 16, 26.887, 99.780

 6, 26.887, 99.780

 0, 26.887, 99.780

 76, 26.887, 99.780

 76, 26.887, 99.780

75, 35.782, 98.636

77, 17.897,
100.919

74, 44.440, 97.484

78, 8.887, 102.024

73, 52.636, 96.339

80, 0.095, 284.498

72, 60.006, 95.208

81, 9.022, 284.182

71, 66.028, 94.093

82, 17.881,
285.178

70, 70.091, 92.975

69, 72.118, 91.829

84, 25.739,
285.806

69, 72.135, 91.818

84, 24.217,
282.896

85, 22.765,
279.623

86, 21.396,
275.937

Harmonies

Complementary

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



76, 26.887, 99.780



62, 28.145, 287.170

Rectangle

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



76, 26.887, 99.780



76, 26.887, 149.780



76, 26.887, 279.780



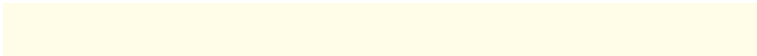
76, 26.887, 329.780

Sweetspot

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



76, 26.888, 99.785



99, 9.939, 102.107



64, 24.213, 9.085



52, 6.910, 101.947



0, 0.000, 0.000



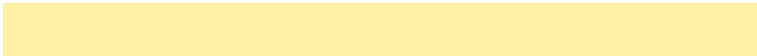
53, 0.007, 296.813

Same Dimension

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



76, 26.888, 99.785



95, 39.794, 99.022



77, 32.158, 121.405



41, 5.119, 102.081



58, 62.718, 91.989



11, 16.954, 96.332

Inverse Universe

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



62, 28.145, 287.170



74, 42.203, 288.357



61, 34.044, 304.945



39, 5.194, 284.201



21, 87.187, 303.614



2, 19.226, 287.520

Previews

White Background



This preview shows how the CIELCh color 76, 26.887, 99.780 looks on a white background.

Color Contrast Check

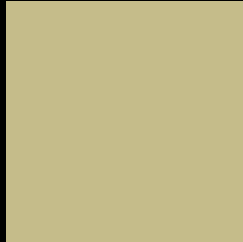
Large Text (above 18pt) WCAG AA × Fail

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, 26.887, 99.780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

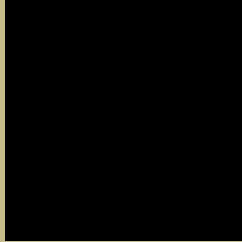
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

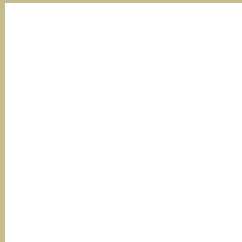
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 26.887, 99.780

Background



This preview shows how black text looks on a background with the CIELCh color 76, 26.887, 99.780.



This preview shows how white text looks on a background with the CIELCh color 76, 26.887, 99.780.

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, 26.887, 99.780

Protanopia

76, 26.770, 95.308

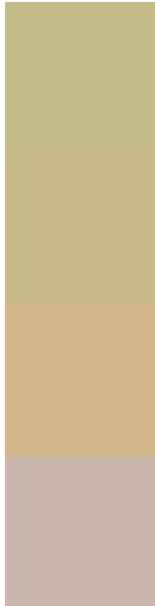
Deuteranopia

76, 27.633, 70.206



Tritanopia
76, 11.399, 339.044

Trichromacy



Original Color
76, 26.887, 99.780

Protanomaly
76, 26.681, 96.172

Deuteranomaly
76, 26.556, 81.135

Tritanomaly
76, 8.768, 57.393

Monochromacy



Original Color
76, 26.887, 99.780

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 9.725, 102.427

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 26.887, 99.780 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(197, 188, 138)` looks like.

```
.text, #text, p{  
    color:rgb(197, 188, 138)  
}
```

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(197, 188, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 188, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 26.887, 99.780 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(197, 188, 138) }
```

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

```
.border{ border-color:rgb(197, 188, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 188, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 188, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 188, 138);  
box-shadow:4px 4px 4px 4px rgb(197, 188,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 26.887, 99.780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 188, 138) }
```

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

```
.background{ background-color: rgb(197,  
188, 138) }
```

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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