

Converting Colors

CIELCh(77, 18.429, 100.020)

Have a look what the booklet for
CIELCh(77, 18.429, 100.020)
contains.

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Color

CIELCh(77, 18.331, 99.785)

Conversions

Conversions Part 1

Format	Color
Hex	C6BF9D
RGB	198, 191, 157
RGB Percent	78%, 75%, 62%
CMY	0.2246, 0.2521, 0.3854
CMYK	0.00, 0.04, 0.21, 0.22
HSL	50°, 26%, 69%
HSV	50°, 21%, 78%
XYZ	47.8463, 51.5317, 39.2018
YIQ	189.2170, 15.0860, -9.0900

Conversions

Conversions Part 2

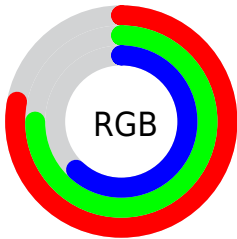
Format	Color
RYB	165, 198, 157
Decimal	13025181
CIELab	77.00, -3.12, 18.06
CIElCh	77, 18.331, 99.785
Yxy	51.5317, 0.3453, 0.3719
Android (android.graphics.Color)	4291215261 (0xFFC6BF9D)
YUV	189.2170, -15.8830, 7.7027
Hunter-Lab	71.7856, -6.6517, 17.8719

Details

The CIELCh color **77, 18.331, 99.785** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **68, 18.843, 284.760**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 18.035, 99.291**, and **57, 18.257, 99.952** is the 20% darker color. If you saturate the color by 10%, you get **76, 27.193, 98.634**, and if you desaturate by 10%, it is **78, 9.464, 100.919**.

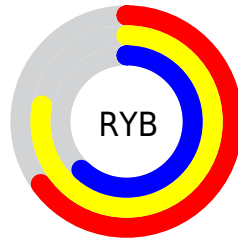
Distribution



Red (78%)

Green (75%)

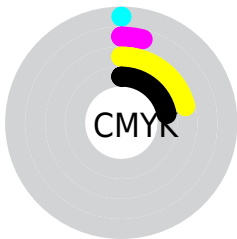
Blue (62%)



Red (65%)

Yellow (78%)

Blue (62%)

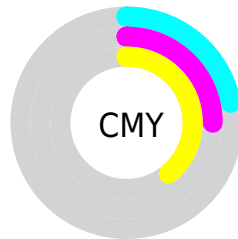


Cyan (0%)

Magenta (4%)

Yellow (21%)

Black (22%)



Cyan (22%)

Magenta (25%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 18.331, 99.785 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 77, 18.331, 99.785 by changing the saturation by 10% instead.

■ 77, 18.331, 99.785

■ 77, 18.331, 99.785

■ 100, 18.331,
99.785

■ 67, 18.331, 99.785

■ 97, 18.331, 99.785

■ 57, 18.331, 99.785

■ 47, 18.331, 99.785

■ 37, 18.331, 99.785

■ 27, 18.331, 99.785

■ 17, 18.331, 99.785

■ 7, 18.331, 99.785

■ 0, 18.331, 99.785

■ 77, 18.331, 99.785

■ 77, 18.331, 99.785

76, 27.193, 98.634

78, 9.464, 100.919

75, 35.968, 97.458

80, 0.633, 101.814

73, 44.517, 96.275

81, 8.136, 283.117

72, 52.612, 95.091

83, 16.830,
284.129

71, 59.880, 93.910

84, 25.136,
284.978

70, 65.784, 92.723

69, 69.696, 91.503

85, 23.458,
281.559

68, 71.534, 90.317

86, 21.876,
277.654

87, 20.408,
273.189

87, 19.081,
268.098

Harmonies

Complementary

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



77, 18.331, 99.785



68, 18.843, 284.760

Rectangle

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



77, 18.331, 99.785



77, 18.331, 149.785



77, 18.331, 279.785



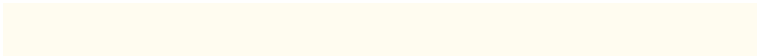
77, 18.331, 329.785

Sweetspot

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



77, 18.332, 99.791



99, 6.492, 101.423



69, 16.488, 6.602



53, 4.308, 101.352



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 18.332, 99.791



96, 27.197, 99.256



78, 22.339, 121.267



41, 5.023, 101.067



57, 62.118, 90.515



11, 16.595, 94.904

Inverse Universe

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



68, 18.843, 284.760



82, 28.147, 285.477



67, 23.229, 303.707



39, 5.091, 283.221



22, 85.722, 303.114



2, 18.963, 286.954

Previews

White Background



This preview shows how the CIELCh color 77, 18.331, 99.785 looks on a white background.

Color Contrast Check

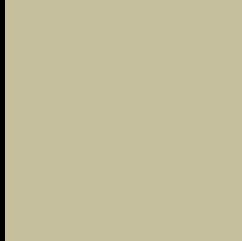
Large Text (above 18pt) WCAG AA × Fail

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 77, 18.331, 99.785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

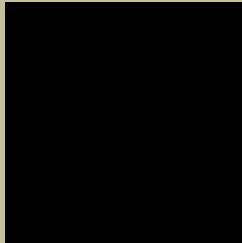
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 18.331, 99.785

Background



This preview shows how black text looks on a background with the CIELCh color 77, 18.331, 99.785.



This preview shows how white text looks on a background with the CIELCh color 77, 18.331, 99.785.

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

77, 18.331, 99.785

Protanopia

77, 18.659, 94.920

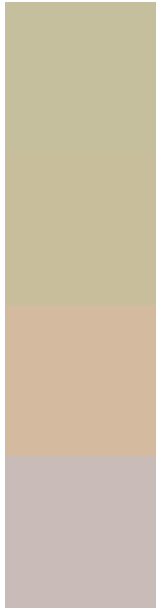
Deuteranopia

77, 20.153, 61.405



Tritanopia
77, 10.051, 331.845

Trichromacy



Original Color
77, 18.331, 99.785

Protanomaly
77, 18.568, 96.120

Deuteranomaly
77, 18.304, 74.179

Tritanomaly
77, 5.512, 36.617

Monochromacy



Original Color
77, 18.331, 99.785

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 6.988, 103.287

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 18.331, 99.785 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(198, 191, 157)` looks like.

```
.text, #text, p{  
    color:rgb(198, 191, 157)  
}
```

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(198, 191, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 191, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 18.331, 99.785 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(198, 191, 157) }
```

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

```
.border{ border-color:rgb(198, 191, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 191, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 191, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 191, 157);  
box-shadow:4px 4px 4px 4px rgb(198, 191,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 18.331, 99.785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 191, 157) }
```

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

```
.background{ background-color: rgb(198,  
191, 157) }
```

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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