

Converting Colors

CIELCh(77, 14.639, 113.668)

Have a look what the booklet for
CIELCh(77, 14.639, 113.668)
contains.

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Color

CIELCh(77, 15.016, 114.696)

Conversions

Conversions Part 1

Format	Color
Hex	BDC1A5
RGB	189, 193, 165
RGB Percent	74%, 76%, 65%
CMY	0.2598, 0.2440, 0.3538
CMYK	0.02, 0.00, 0.15, 0.24
HSL	69°, 18%, 70%
HSV	69°, 15%, 76%
XYZ	46.7155, 51.5317, 42.9715
YIQ	188.6120, 6.6040, -9.5560

Conversions

Conversions Part 2

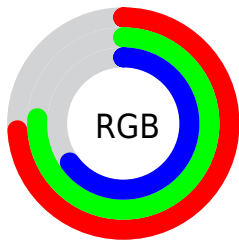
Format	Color
RYB	165, 193, 169
Decimal	12435877
CIELab	77.00, -6.27, 13.64
CIELCh	77, 15.016, 114.696
Yxy	51.5317, 0.3308, 0.3649
Android (android.graphics.Color)	4290625957 (0xFFBDC1A5)
YUV	188.6120, -11.6407, 0.3403
Hunter-Lab	71.7856, -9.4634, 14.7584

Details

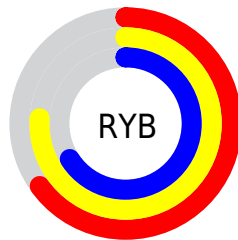
The CIELCh color **77, 15.016, 114.696** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **69, 15.504, 296.977**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 14.828, 114.699**, and **57, 15.349, 114.590** is the 20% darker color. If you saturate the color by 10%, you get **76, 25.262, 113.943**, and if you desaturate by 10%, it is **78, 4.681, 115.450**.

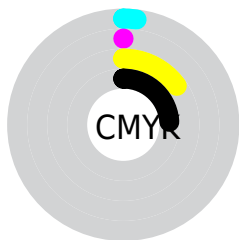
Distribution



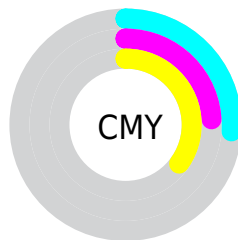
- Red (74%)
- Green (76%)
- Blue (65%)



- Red (65%)
- Yellow (76%)
- Blue (66%)



- Cyan (2%)
- Magenta (0%)
- Yellow (15%)
- Black (24%)





- Cyan (26%)
- Magenta (24%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 15.016, 114.696 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, 15.016, 114.696 by changing the saturation by 10% instead.


 77, 15.016,
114.696


 77, 15.016,
114.696


 100, 15.016,
114.696


 67, 15.016,
114.696


 97, 15.016,
114.696


 57, 15.016,
114.696

 47, 15.016,
114.696

 37, 15.016,
114.696

 27, 15.016,
114.696

 17, 15.016,
114.696

 7, 15.016, 114.696

■ 0, 15.016, 114.696

■ 77, 15.016,
114.696

■ 77, 15.016,
114.696

■ 76, 25.262,
113.943

■ 78, 4.681, 115.450

■ 76, 35.321,
113.195

■ 78, 5.690, 296.185

■ 75, 45.059,
112.484

■ 79, 16.050,
296.886

■ 75, 54.268,
111.846

■ 80, 26.372,
297.555

■ 75, 62.640,
111.334

■ 81, 33.391,
298.479

■ 74, 69.757,
111.015

■ 81, 33.491,
300.012

■ 81, 33.613,

■ 74, 75.139,
110.968

301.546

■ 74, 78.427,
111.259

■ 81, 33.757,
303.078

■ 74, 79.624,
111.514

■ 82, 33.924,
304.605

Harmonies

Complementary

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



77, 15.016, 114.696



69, 15.504, 296.977

Rectangle

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



77, 15.016, 114.696



77, 15.016, 164.696



77, 15.016, 294.696



77, 15.016, 344.696

Sweetspot

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



77, 15.018, 114.701



98, 5.109, 115.484



71, 9.671, 32.215



52, 3.631, 115.428



99, 0.012, 296.813



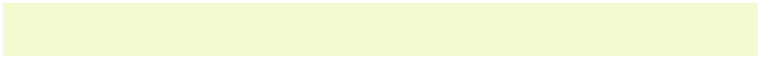
52, 0.007, 296.813

Same Dimension

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



77, 15.018, 114.701



97, 21.686, 114.493



76, 16.489, 132.972



41, 5.893, 115.089



62, 69.542, 111.403



12, 18.895, 115.316

Inverse Universe

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



69, 15.504, 296.977



85, 22.525, 297.232



70, 16.721, 314.184



38, 6.019, 296.525



19, 93.802, 306.901



1, 19.554, 294.997

Previews

White Background



This preview shows how the CIELCh color 77, 15.016, 114.696 looks on a white background.

Color Contrast Check

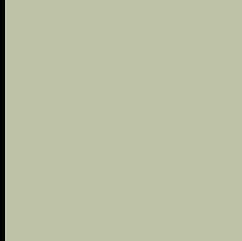
Large Text (above 18pt) WCAG AA × Fail

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, 15.016, 114.696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

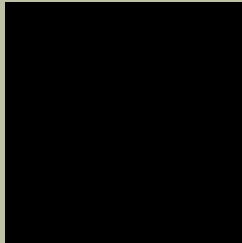
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

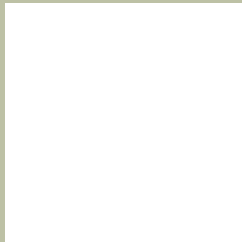
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 15.016, 114.696

Background



This preview shows how black text looks on a background with the CIELCh color 77, 15.016, 114.696.



This preview shows how white text looks on a background with the CIELCh color 77, 15.016, 114.696.

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, 15.016, 114.696

Protanopia

77, 14.549, 91.609

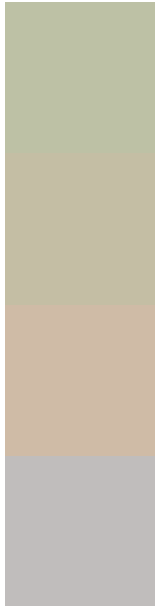
Deuteranopia

77, 16.000, 52.390



Tritanopia
77, 8.491, 308.222

Trichromacy



Original Color
77, 15.016, 114.696

Protanomaly
77, 14.078, 99.295

Deuteranomaly
77, 13.732, 74.246

Tritanomaly
77, 1.227, 44.910

Monochromacy



Original Color
77, 15.016, 114.696

Achromatopsia
76, 0.009, 296.813

Achromatomaly
77, 5.411, 117.645

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 15.016, 114.696 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(189, 193, 165)` looks like.

```
.text, #text, p{  
    color:rgb(189, 193, 165)  
}
```

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(189, 193, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 193, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 15.016, 114.696 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(189, 193, 165) }
```

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

```
.border{ border-color:rgb(189, 193, 165) }
```

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

Here you see how a box with a 4 pixel rgb(189, 193, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 193, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 193, 165);  
box-shadow:4px 4px 4px 4px rgb(189, 193,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 15.016, 114.696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 193, 165) }
```

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

```
.background{ background-color: rgb(189,  
193, 165) }
```

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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