

Converting Colors

CIELCh(77, 16.131, 114.867)

Have a look what the booklet for
CIELCh(77, 16.131, 114.867)
contains.

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Color

CIELCh(77, 16.072, 114.227)

Conversions

Conversions Part 1

Format	Color
Hex	BDC1A3
RGB	189, 193, 163
RGB Percent	74%, 76%, 64%
CMY	0.2593, 0.2436, 0.3612
CMYK	0.02, 0.00, 0.16, 0.24
HSL	68°, 19%, 70%
HSV	68°, 16%, 76%
XYZ	46.6014, 51.5317, 42.0867
YIQ	188.3840, 7.2460, -10.1780

Conversions

Conversions Part 2

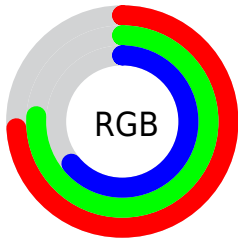
Format	Color
RYB	163, 193, 167
Decimal	12435875
CIELab	77.00, -6.60, 14.66
CIELCh	77, 16.072, 114.227
Yxy	51.5317, 0.3323, 0.3675
Android (android.graphics.Color)	4290625955 (0xFFBDC1A3)
YUV	188.3840, -12.5143, 0.5402
Hunter-Lab	71.7856, -9.7471, 15.4892

Details

The CIELCh color **77, 16.072, 114.227** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **68, 16.635, 296.724**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 15.837, 114.275**, and **57, 16.463, 114.060** is the 20% darker color. If you saturate the color by 10%, you get **76, 26.299, 113.461**, and if you desaturate by 10%, it is **78, 5.746, 114.995**.

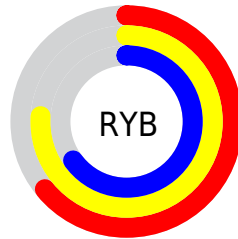
Distribution



Red (74%)

Green (76%)

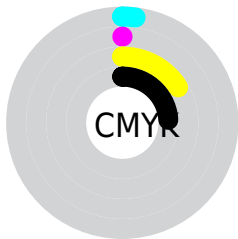
Blue (64%)



Red (64%)

Yellow (76%)

Blue (65%)

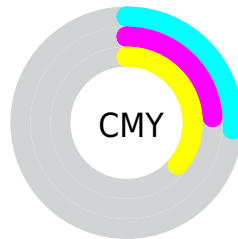


Cyan (2%)

Magenta (0%)

Yellow (16%)

Black (24%)



Cyan (26%)


Magenta (24%)


Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 16.072, 114.227 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, 16.072, 114.227 by changing the saturation by 10% instead.


 77, 16.072,
114.227


 77, 16.072,
114.227


 100, 16.072,
114.227


 67, 16.072,
114.227


 97, 16.072,
114.227

 57, 16.072,
114.227

 47, 16.072,
114.227

 37, 16.072,
114.227

 27, 16.072,
114.227

 17, 16.072,
114.227

 7, 16.072, 114.227

0, 16.072, 114.227

77, 16.072,
114.227

77, 16.072,
114.227

76, 26.299,
113.461

78, 5.746, 114.995

76, 36.329,
112.703

78, 4.621, 295.747

75, 46.018,
111.985

79, 14.983,
296.463

75, 55.149,
111.344

80, 25.310,
297.148

75, 63.403,
110.832

81, 33.296,
297.977

74, 70.351,
110.518

81, 33.382,
299.412

81, 33.487,

■ 74, 75.512,
110.478

300.847

■ 74, 78.563,
110.770

■ 81, 33.612,
302.282

■ 74, 79.526,
110.959

■ 81, 33.756,
303.714

Harmonies

Complementary

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



77, 16.072, 114.227



68, 16.635, 296.724

Rectangle

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



77, 16.072, 114.227



77, 16.072, 164.227



77, 16.072, 294.227



77, 16.072, 344.227

Sweetspot

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



77, 16.074, 114.232



98, 6.383, 115.031



71, 10.407, 32.244



52, 4.355, 114.978



99, 0.012, 296.813



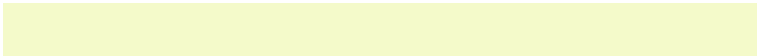
52, 0.007, 296.813

Same Dimension

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



77, 16.074, 114.232



97, 24.201, 113.943



76, 17.671, 132.924



41, 5.888, 114.706



62, 69.427, 110.854



12, 18.862, 114.762

Inverse Universe

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



68, 16.635, 296.724



83, 25.261, 297.087



69, 17.936, 314.230



38, 6.015, 296.167



19, 93.888, 306.841



1, 19.547, 294.741

Previews

White Background



This preview shows how the CIELCh color 77, 16.072, 114.227 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, 16.072, 114.227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

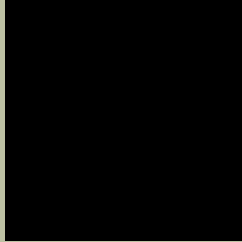
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

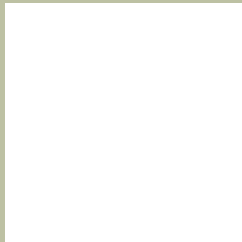
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 16.072, 114.227

Background



This preview shows how black text looks on a background with the CIELCh color 77, 16.072, 114.227.



This preview shows how white text looks on a background with the CIELCh color 77, 16.072, 114.227.

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, 16.072, 114.227

Protanopia
77, 15.576, 92.619

Deuteranopia
77, 16.653, 55.315



Tritanopia
77, 8.491, 308.222

Trichromacy



Original Color
77, 16.072, 114.227

Protanomaly
77, 15.131, 99.834

Deuteranomaly
77, 14.640, 76.454

Tritanomaly
77, 1.227, 44.910

Monochromacy



Original Color
77, 16.072, 114.227

Achromatopsia
76, 0.009, 296.813

Achromatomaly
77, 5.942, 116.894

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 16.072, 114.227 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, 163)` looks like.

```
.text, #text, p{  
    color:rgb(189, 193, 163)  
}
```

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, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 193, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 16.072, 114.227 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, 163) }
```

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

```
.border{ border-color:rgb(189, 193, 163) }
```

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, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 193, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 193, 163);  
box-shadow:4px 4px 4px 4px rgb(189, 193,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 16.072, 114.227 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, 163) }
```

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

```
.background{ background-color: rgb(189,  
193, 163) }
```

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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