

Converting Colors

CIELCh(77, 17.061, 116.151)

Have a look what the booklet for
CIELCh(77, 17.061, 116.151)
contains.

CIELCh(77, 16.645, 115.334)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(77, 16.645, 115.334)

Conversions

Conversions Part 1

Format	Color
Hex	BCC1A2
RGB	188, 193, 162
RGB Percent	74%, 76%, 64%
CMY	0.2621, 0.2425, 0.3641
CMYK	0.03, 0.00, 0.16, 0.24
HSL	70°, 20%, 70%
HSV	70°, 16%, 76%
XYZ	46.4148, 51.5317, 41.7515
YIQ	187.9710, 6.9710, -10.7010

Conversions

Conversions Part 2

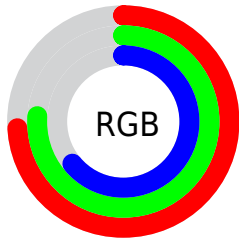
Format	Color
RYB	162, 193, 167
Decimal	12370338
CIELab	77.00, -7.12, 15.04
CIELCh	77, 16.645, 115.334
Yxy	51.5317, 0.3323, 0.3689
Android (android.graphics.Color)	4290560418 (0xFFBCC1A2)
YUV	187.9710, -12.8037, 0.0254
Hunter-Lab	71.7856, -10.2112, 15.7660

Details

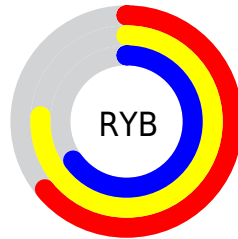
The CIELCh color **77, 16.645, 115.334** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **68, 17.237, 297.786**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 16.383, 115.350**, and **57, 17.070, 115.202** is the 20% darker color. If you saturate the color by 10%, you get **76, 26.905, 114.604**, and if you desaturate by 10%, it is **78, 6.285, 116.067**.

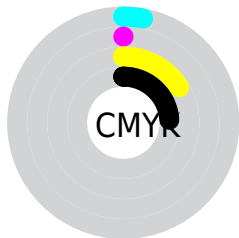
Distribution



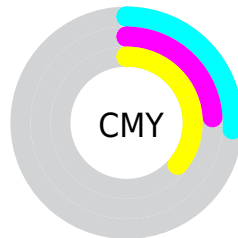
- Red (74%)
- Green (76%)
- Blue (64%)



- Red (64%)
- Yellow (76%)
- Blue (65%)



- Cyan (3%)
- Magenta (0%)
- Yellow (16%)
- Black (24%)





- Cyan (26%)
- Magenta (24%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 16.645, 115.334 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, 16.645, 115.334 by changing the saturation by 10% instead.


 77, 16.645,
115.334


 77, 16.645,
115.334


 100, 16.645,
115.334


 67, 16.645,
115.334


 97, 16.645,
115.334

 57, 16.645,
115.334

 47, 16.645,
115.334

 37, 16.645,
115.334

 27, 16.645,
115.334

 17, 16.645,
115.334

 7, 16.645, 115.334

■ 0, 16.645, 115.334

■ 77, 16.645,
115.334

■ 77, 16.645,
115.334

■ 76, 26.905,
114.604

■ 78, 6.285, 116.067

■ 76, 36.963,
113.883

■ 78, 4.116, 296.779

■ 75, 46.674,
113.204

■ 79, 14.510,
297.461

■ 75, 55.817,
112.607

■ 80, 24.867,
298.111

■ 74, 64.068,
112.150

■ 81, 33.201,
298.947

■ 74, 70.994,
111.905

■ 81, 33.324,
300.694

■ 81, 33.475,

■ 74, 76.118,
111.956

302.440

■ 74, 79.143,
112.364

■ 82, 33.656,
304.182

■ 73, 80.027,
112.574

■ 82, 33.865,
305.915

Harmonies

Complementary

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



77, 16.645, 115.334



68, 17.237, 297.786

Rectangle

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



77, 16.645, 115.334



77, 16.645, 165.334



77, 16.645, 295.334



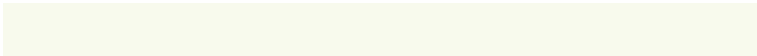
77, 16.645, 345.334

Sweetspot

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



77, 16.647, 115.339



98, 6.398, 116.137



71, 10.642, 33.929



52, 4.365, 116.087



99, 0.012, 296.813



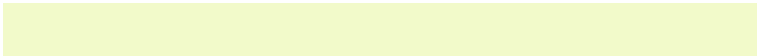
52, 0.007, 296.813

Same Dimension

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



77, 16.647, 115.339



97, 24.261, 115.100



76, 18.346, 133.442



41, 5.902, 115.827



62, 69.783, 112.449



12, 18.964, 116.375

Inverse Universe

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



68, 17.237, 297.786



83, 25.306, 298.085



69, 18.615, 314.794



38, 6.027, 297.214



19, 93.624, 307.025



1, 19.570, 295.491

Previews

White Background



This preview shows how the CIELCh color 77, 16.645, 115.334 looks on a white background.

Color Contrast Check

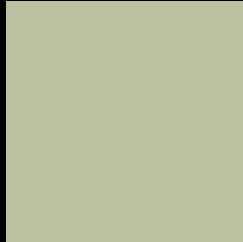
Large Text (above 18pt) WCAG AA × Fail

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, 16.645, 115.334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

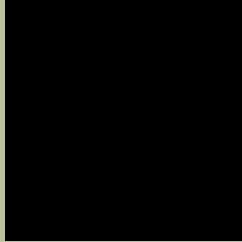
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

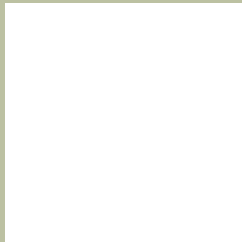
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 16.645, 115.334

Background



This preview shows how black text looks on a background with the CIELCh color 77, 16.645, 115.334.

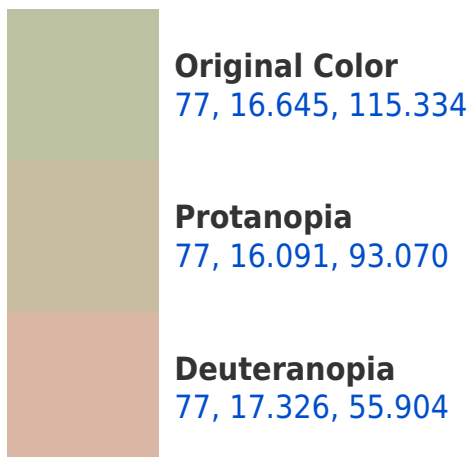



This preview shows how white text looks on a background with the CIELCh color 77, 16.645, 115.334.

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](#).

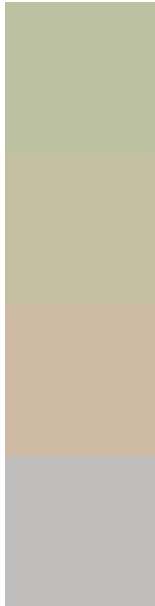
Dichromacy





Tritanopia
77, 7.862, 306.854

Trichromacy



Original Color
77, 16.645, 115.334

Protanomaly
77, 16.118, 101.685

Deuteranomaly
77, 15.102, 77.452

Tritanomaly
77, 1.290, 74.894

Monochromacy



Original Color
77, 16.645, 115.334

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, 16.645, 115.334 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(188, 193, 162)` looks like.

```
.text, #text, p{  
    color:rgb(188, 193, 162)  
}
```

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(188, 193, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 193, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 16.645, 115.334 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(188, 193, 162) }
```

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

```
.border{ border-color:rgb(188, 193, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 193, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 193, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 193, 162);  
box-shadow:4px 4px 4px 4px rgb(188, 193,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 16.645, 115.334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 193, 162) }
```

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

```
.background{ background-color: rgb(188,  
193, 162) }
```

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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