

Converting Colors

CIELCh(77, 18.841, 127.607)

Have a look what the booklet for
CIELCh(77, 18.841, 127.607)
contains.

CIELCh(77, 19.161, 127.241)	3
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Color

CIELCh(77, 19.161, 127.241)

Conversions

Conversions Part 1

Format	Color
Hex	B4C4A2
RGB	180, 196, 162
RGB Percent	71%, 77%, 64%
CMY	0.2958, 0.2330, 0.3663
CMYK	0.08, 0.00, 0.17, 0.23
HSL	88°, 22%, 70%
HSV	88°, 17%, 77%
XYZ	44.8507, 51.5317, 41.5709
YIQ	187.3400, 1.3780, -13.9660

Conversions

Conversions Part 2

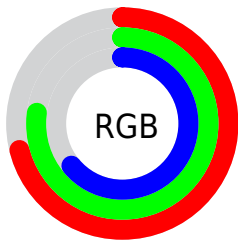
Format	Color
RYB	162, 196, 178
Decimal	11846818
CIELab	77.00, -11.60, 15.25
CIELCh	77, 19.161, 127.241
Yxy	51.5317, 0.3251, 0.3735
Android (android.graphics.Color)	4290036898 (0xFFB4C4A2)
YUV	187.3400, -12.4926, -6.4372
Hunter-Lab	71.7856, -14.1004, 15.9152

Details

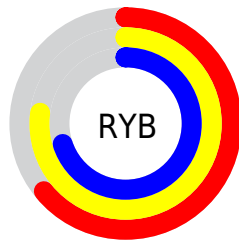
The CIELCh color **77, 19.161, 127.241** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **69, 19.650, 308.862**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 19.342, 127.439**, and **57, 19.123, 126.948** is the 20% darker color. If you saturate the color by 10%, you get **76, 30.141, 126.754**, and if you desaturate by 10%, it is **78, 8.126, 127.722**.

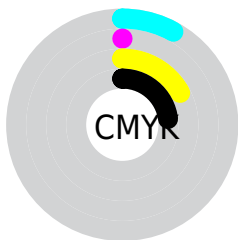
Distribution



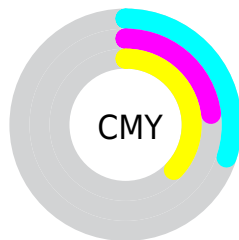
- Red (71%)
- Green (77%)
- Blue (64%)



- Red (64%)
- Yellow (77%)
- Blue (70%)



- Cyan (8%)
- Magenta (0%)
- Yellow (17%)
- Black (23%)




- Cyan (30%)
- Magenta (23%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 19.161, 127.241 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, 19.161, 127.241 by changing the saturation by 10% instead.


 77, 19.161,
127.241


 77, 19.161,
127.241


 100, 19.161,
127.241


 67, 19.161,
127.241


 97, 19.161,
127.241

 57, 19.161,
127.241

 47, 19.161,
127.241

 37, 19.161,
127.241

 27, 19.161,
127.241

 17, 19.161,
127.241

 7, 19.161, 127.241

0, 19.161, 127.241

77, 19.161,
127.241

77, 19.161,
127.241

76, 30.141,
126.754

78, 8.126, 127.722

75, 40.949,
126.268

79, 2.891, 308.114

74, 51.424,
125.819

81, 13.833,
308.553

73, 61.331,
125.459

82, 24.660,
308.930

73, 70.335,
125.271

83, 33.164,
310.365

72, 77.999,
125.364

84, 34.189,
315.463

85, 35.459,

■ 72, 83.856,
125.865

320.314

■ 71, 87.691,
126.837

■ 86, 36.958,
324.874

■ 71, 88.548,
127.106

■ 86, 37.272,
325.719

Harmonies

Complementary

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



77, 19.161, 127.241



69, 19.650, 308.862

Rectangle

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



77, 19.161, 127.241



77, 19.161, 177.241



77, 19.161, 307.241



77, 19.161, 357.241

Sweetspot

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



77, 19.163, 127.243



99, 6.823, 127.832



73, 11.157, 69.661



53, 4.656, 127.798



0, 0.000, 0.000



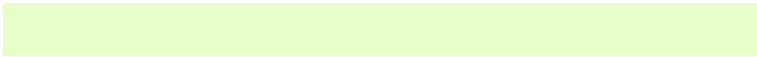
53, 0.007, 296.813

Same Dimension

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



77, 19.163, 127.243



97, 28.713, 127.051



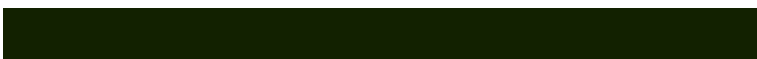
76, 22.131, 142.525



40, 6.200, 127.628



59, 76.363, 126.866



11, 20.908, 131.393

Inverse Universe

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



69, 19.650, 308.862



85, 29.615, 309.071



70, 22.173, 324.448



38, 6.289, 308.457



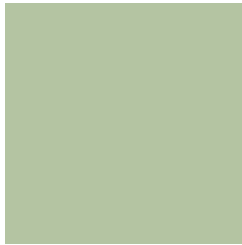
24, 88.782, 311.371



2, 20.118, 304.337

Previews

White Background



This preview shows how the CIELCh color 77, 19.161, 127.241 looks on a white background.

Color Contrast Check

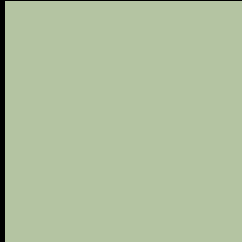
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 77, 19.161, 127.241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

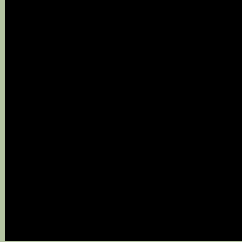
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

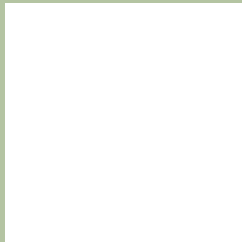
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 19.161, 127.241

Background



This preview shows how black text looks on a background with the CIELCh color 77, 19.161, 127.241.



This preview shows how white text looks on a background with the CIELCh color 77, 19.161, 127.241.

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, 19.161, 127.241

Protanopia

77, 16.607, 93.490

Deuteranopia

77, 16.996, 56.688



Tritanopia
77, 8.155, 280.895

Trichromacy



Original Color
77, 19.161, 127.241

Protanomaly
77, 16.554, 105.908

Deuteranomaly
77, 14.624, 85.114

Tritanomaly
77, 3.365, 170.740

Monochromacy



Original Color
77, 19.161, 127.241

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 6.835, 128.811

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 19.161, 127.241 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(180, 196, 162)` looks like.

```
.text, #text, p{  
    color:rgb(180, 196, 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(180, 196, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 196, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 19.161, 127.241 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(180, 196, 162) }
```

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

```
.border{ border-color:rgb(180, 196, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 196, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 196, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 196, 162);  
box-shadow:4px 4px 4px 4px rgb(180, 196,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 19.161, 127.241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 196, 162) }
```

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

```
.background{ background-color: rgb(180,  
196, 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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