

Converting Colors

CIELCh(77, 18.580, 124.328)

Have a look what the booklet for
CIELCh(77, 18.580, 124.328)
contains.

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Color

CIELCh(77, 18.820, 123.977)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | B6C3A1 |
| RGB | 182, 195, 161 |
| RGB Percent | 71%, 76%, 63% |
| CMY | 0.2864, 0.2354, 0.3687 |
| CMYK | 0.07, 0.00, 0.17, 0.24 |
| HSL | 83°, 22%, 70% |
| HSV | 83°, 17%, 76% |
| XYZ | 45.2243, 51.5317, 41.2685 |
| YIQ | 187.2370, 3.1660, -13.3300 |

Conversions

Conversions Part 2

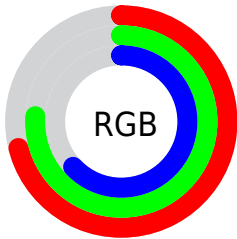
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 161, 195, 174 |
| Decimal | 11977633 |
| CIELab | 77.00, -10.52, 15.61 |
| CIELCh | 77, 18.820, 123.977 |
| Yxy | 51.5317, 0.3277, 0.3734 |
| Android (android.graphics.Color) | 4290167713 (0xFFB6C3A1) |
| YUV | 187.2370, -12.9348, -4.5928 |
| Hunter-Lab | 71.7856, -13.1714, 16.1650 |

Details

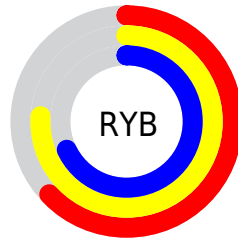
The CIELCh color **77, 18.820, 123.977** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **68, 19.388, 305.801**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 19.017, 124.376**, and **57, 18.760, 123.449** is the 20% darker color. If you saturate the color by 10%, you get **76, 29.538, 123.452**, and if you desaturate by 10%, it is **78, 8.027, 124.501**.

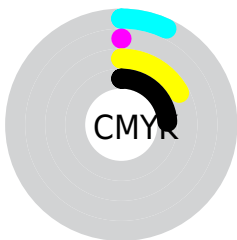
Distribution



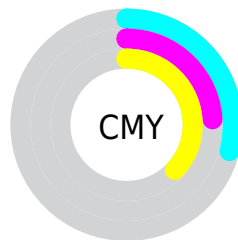
- Red (71%)
- Green (76%)
- Blue (63%)



- Red (63%)
- Yellow (76%)
- Blue (68%)



- Cyan (7%)
- Magenta (0%)
- Yellow (17%)
- Black (24%)




- Cyan (29%)
- Magenta (24%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 18.820, 123.977 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, 18.820, 123.977 by changing the saturation by 10% instead.


 77, 18.820,
123.977

 77, 18.820,
123.977


 100, 18.820,
123.977


 67, 18.820,
123.977


 97, 18.820,
123.977

 57, 18.820,
123.977

 47, 18.820,
123.977

 37, 18.820,
123.977

 27, 18.820,
123.977

 17, 18.820,
123.977

 7, 18.820, 123.977

0, 18.820, 123.977

77, 18.820,
123.977

77, 18.820,
123.977

76, 29.538,
123.452

78, 8.027, 124.501

75, 40.068,
122.936

79, 2.772, 304.956

74, 50.254,
122.465

80, 13.522,
305.441

74, 59.865,
122.091

81, 24.187,
305.873

73, 68.568,
121.893

83, 32.975,
306.957

73, 75.926,
121.977

83, 33.647,
311.160

84, 34.485,

■ 72, 81.476,
122.463

315.240

■ 72, 85.017,
123.414

■ 85, 35.484,
319.162

■ 72, 85.787,
123.676

■ 85, 36.633,
322.903

Harmonies

Complementary

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



77, 18.820, 123.977



68, 19.388, 305.801

Rectangle

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



77, 18.820, 123.977



77, 18.820, 173.977



77, 18.820, 303.977



77, 18.820, 353.977

Sweetspot

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



77, 18.822, 123.980



98, 6.649, 124.624



72, 10.857, 58.221



53, 4.575, 124.587



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, 18.822, 123.980



97, 27.935, 123.775



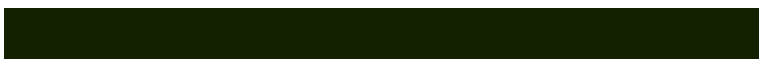
76, 21.448, 139.863



41, 6.089, 124.401



60, 74.184, 123.446



11, 20.256, 127.758

Inverse Universe

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



68, 19.388, 305.801



84, 28.973, 306.038



70, 21.568, 321.570



38, 6.191, 305.336



22, 90.410, 309.672



2, 19.888, 301.505

Previews

White Background



This preview shows how the CIELCh color 77, 18.820, 123.977 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, 18.820, 123.977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

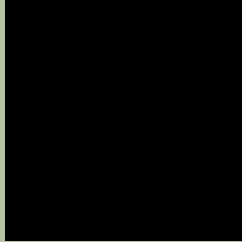
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

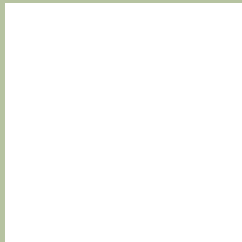
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 18.820, 123.977

Background



This preview shows how black text looks on a background with the CIELCh color 77, 18.820, 123.977.

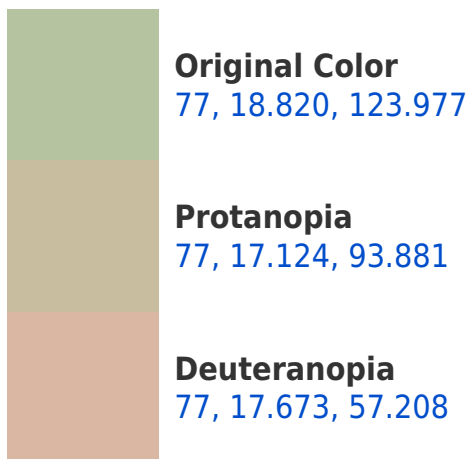


This preview shows how white text looks on a background with the CIELCh color 77, 18.820, 123.977.

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](#).

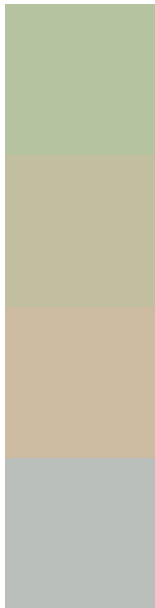
Dichromacy





Tritanopia
77, 8.065, 288.393

Trichromacy



Original Color
77, 18.820, 123.977

Protanomaly
77, 17.084, 105.938

Deuteranomaly
77, 15.170, 80.977

Tritanomaly
77, 2.457, 158.586

Monochromacy



Original Color
77, 18.820, 123.977

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 6.715, 125.820

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 18.820, 123.977 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(182, 195, 161)` looks like.

```
.text, #text, p{  
    color:rgb(182, 195, 161)  
}
```

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(182, 195, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 195, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 18.820, 123.977 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(182, 195, 161) }
```

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

```
.border{ border-color:rgb(182, 195, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 195, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 195, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 195, 161);  
box-shadow:4px 4px 4px 4px rgb(182, 195,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 18.820, 123.977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 195, 161) }
```

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

```
.background{ background-color: rgb(182,  
195, 161) }
```

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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