

Converting Colors

CIELCh(78, 22.951, 121.886)

Have a look what the booklet for
CIELCh(78, 22.951, 121.886)
contains.

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Color

CIELCh(78, 22.950, 121.891)

Conversions

Conversions Part 1

Format	Color
Hex	B8C69C
RGB	184, 198, 156
RGB Percent	72%, 78%, 61%
CMY	0.2770, 0.2220, 0.3868
CMYK	0.07, 0.00, 0.21, 0.22
HSL	80°, 27%, 70%
HSV	80°, 21%, 78%
XYZ	46.1705, 53.2120, 39.4525
YIQ	189.0260, 5.1380, -16.0300

Conversions

Conversions Part 2

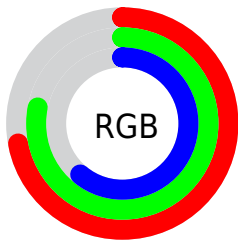
Format	Color
RYB	156, 198, 170
Decimal	12109468
CIELab	78.00, -12.12, 19.49
CIElCh	78, 22.950, 121.891
Yxy	53.2120, 0.3326, 0.3833
Android (android.graphics.Color)	4290299548 (0xFFB8C69C)
YUV	189.0260, -16.2818, -4.4078
Hunter-Lab	72.9466, -14.6774, 18.9961

Details

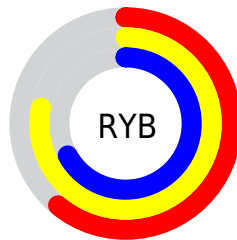
The CIELCh color **78, 22.950, 121.891** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **67, 23.867, 304.323**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 22.975, 122.390**, and **58, 22.560, 121.598** is the 20% darker color. If you saturate the color by 10%, you get **77, 33.645, 121.335**, and if you desaturate by 10%, it is **79, 12.132, 122.453**.

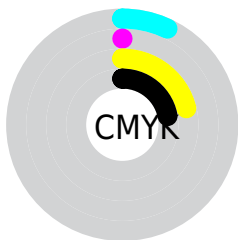
Distribution



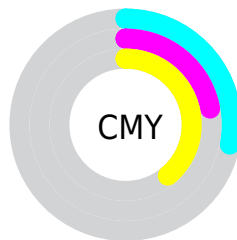
- Red (72%)
- Green (78%)
- Blue (61%)



- Red (61%)
- Yellow (78%)
- Blue (67%)



- Cyan (7%)
- Magenta (0%)
- Yellow (21%)
- Black (22%)





- Cyan (28%)
- Magenta (22%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 22.950, 121.891 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 78, 22.950, 121.891 by changing the saturation by 10% instead.


 78, 22.950,
121.891


 78, 22.950,
121.891


 100, 22.950,
121.891


 68, 22.950,
121.891


 98, 22.950,
121.891

 58, 22.950,
121.891

 48, 22.950,
121.891

 38, 22.950,
121.891

 28, 22.950,
121.891

 18, 22.950,
121.891

 8, 22.950, 121.891

0, 22.950, 121.891

78, 22.950,
121.891

78, 22.950,
121.891

77, 33.645,
121.335

79, 12.132,
122.453

76, 44.088,
120.801

80, 1.272, 123.035

76, 54.096,
120.332

81, 9.571, 303.494

75, 63.396,
119.988

82, 20.353,
303.979

74, 71.608,
119.854

83, 30.756,
304.531

74, 78.258,
120.041

84, 31.274,
308.551

84, 31.935,

■ 74, 82.916,
120.660

312.477

■ 73, 85.536,
121.527

■ 85, 32.736,
316.275

■ 86, 33.669,
319.923

Harmonies

Complementary

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



78, 22.950, 121.891



67, 23.867, 304.323

Rectangle

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



78, 22.950, 121.891



78, 22.950, 171.891



78, 22.950, 301.891



78, 22.950, 351.891

Sweetspot

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



78, 22.952, 121.894



99, 7.979, 122.734



72, 13.552, 54.052



53, 5.293, 122.698



0, 0.000, 0.000



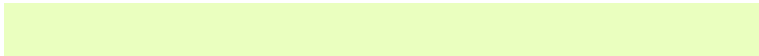
53, 0.007, 296.813

Same Dimension

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



78, 22.952, 121.894



97, 33.169, 121.659



77, 26.165, 138.711



42, 6.166, 122.552



61, 73.889, 121.311



12, 21.574, 124.378

Inverse Universe

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



67, 23.867, 304.323



81, 34.782, 304.616



69, 26.379, 320.752



39, 6.277, 303.568



22, 92.340, 308.877



2, 21.874, 300.520

Previews

White Background



This preview shows how the CIELCh color 78, 22.950, 121.891 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 78, 22.950, 121.891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

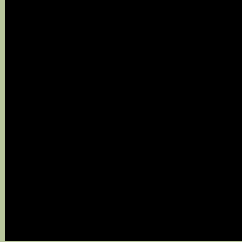
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

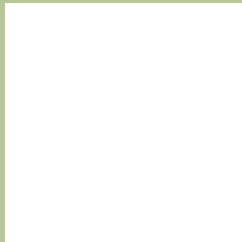
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 22.950, 121.891

Background



This preview shows how black text looks on a background with the CIELCh color 78, 22.950, 121.891.

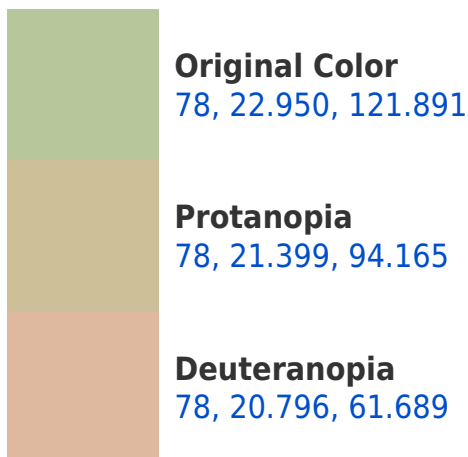


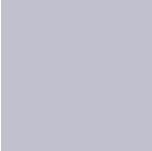
This preview shows how white text looks on a background with the CIELCh color 78, 22.950, 121.891.

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](#).

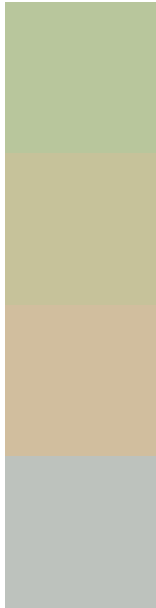
Dichromacy





Tritanopia
78, 8.039, 290.917

Trichromacy



Original Color
78, 22.950, 121.891

Protanomaly
78, 21.299, 103.922

Deuteranomaly
78, 18.700, 84.703

Tritanomaly
78, 3.260, 144.377

Monochromacy



Original Color
78, 22.950, 121.891

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 8.254, 122.638

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 22.950, 121.891 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(184, 198, 156)` looks like.

```
.text, #text, p{  
    color:rgb(184, 198, 156)  
}
```

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(184, 198, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 198, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 22.950, 121.891 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(184, 198, 156) }
```

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

```
.border{ border-color:rgb(184, 198, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 198, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(184, 198, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(184, 198, 156); box-shadow:4px 4px 4px 4px rgb(184, 198, 156) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 22.950, 121.891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 198, 156) }
```

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

```
.background{ background-color: rgb(184,  
198, 156) }
```

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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