

Converting Colors

CIELCh(78, 12.390, 120.425)

Have a look what the booklet for
CIELCh(78, 12.390, 120.425)
contains.

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Color

CIELCh(78, 12.549, 121.307)

Conversions

Conversions Part 1

Format	Color
Hex	BDC4AD
RGB	189, 196, 173
RGB Percent	74%, 77%, 68%
CMY	0.2595, 0.2320, 0.3222
CMYK	0.04, 0.00, 0.12, 0.23
HSL	78°, 16%, 72%
HSV	78°, 12%, 77%
XYZ	48.1736, 53.2120, 47.1838
YIQ	191.2850, 3.2110, -8.6370

Conversions

Conversions Part 2

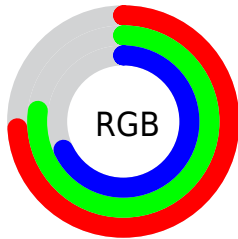
Format	Color
RYB	173, 196, 180
Decimal	12436653
CIELab	78.00, -6.52, 10.72
CIELCh	78, 12.549, 121.307
Yxy	53.2120, 0.3242, 0.3582
Android (android.graphics.Color)	4290626733 (0xFFBDC4AD)
YUV	191.2850, -9.0145, -2.0039
Hunter-Lab	72.9466, -9.7758, 12.7122

Details

The CIELCh color **78, 12.549, 121.307** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72, 12.837, 302.665**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 13.034, 122.006**, and **58, 12.122, 120.425** is the 20% darker color. If you saturate the color by 10%, you get **77, 23.195, 120.729**, and if you desaturate by 10%, it is **79, 1.856, 121.900**.

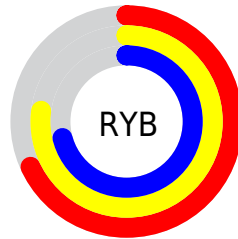
Distribution



Red (74%)

Green (77%)

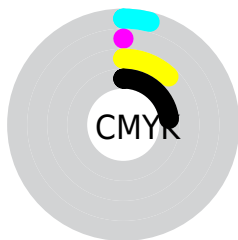
Blue (68%)



Red (68%)

Yellow (77%)

Blue (71%)

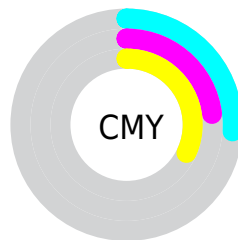


Cyan (4%)

Magenta (0%)

Yellow (12%)

Black (23%)



Cyan (26%)


Magenta (23%)


Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 12.549, 121.307 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, 12.549, 121.307 by changing the saturation by 10% instead.


 78, 12.549,
121.307


 78, 12.549,
121.307


 100, 12.549,
121.307


 68, 12.549,
121.307


 98, 12.549,
121.307

 58, 12.549,
121.307

 48, 12.549,
121.307

 38, 12.549,
121.307

 28, 12.549,
121.307

 18, 12.549,
121.307

 8, 12.549, 121.307

■ 0, 12.549, 121.307

■ 78, 12.549,
121.307

■ 78, 12.549,
121.307

■ 77, 23.195,
120.729

■ 79, 1.856, 121.900

■ 76, 33.704,
120.149

■ 80, 8.830, 302.408

■ 76, 43.952,
119.597

■ 81, 19.467,
302.920

■ 75, 53.753,
119.112

■ 82, 30.022,
303.396

■ 74, 62.833,
118.754

■ 83, 32.400,
306.286

■ 74, 70.808,
118.609

■ 83, 32.906,
309.720

■ 84, 33.521,

■ 73, 77.207,
118.783

313.079

■ 73, 81.612,
119.381

■ 84, 34.244,
316.345

■ 73, 83.941,
120.153

■ 85, 35.068,
319.501

Harmonies

Complementary

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



78, 12.549, 121.307



72, 12.837, 302.665

Rectangle

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



78, 12.549, 121.307



78, 12.549, 171.307



78, 12.549, 301.307



78, 12.549, 351.307

Sweetspot

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



78, 12.551, 121.312



100, 5.291, 121.755



74, 7.210, 50.737



53, 3.761, 121.711



0, 0.000, 0.000



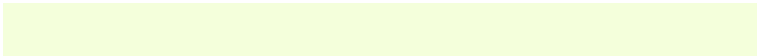
53, 0.007, 296.813

Same Dimension

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



78, 12.551, 121.312



98, 18.534, 121.168



77, 14.163, 138.278



41, 6.007, 121.449



61, 72.381, 119.940



11, 19.716, 124.058

Inverse Universe

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



72, 12.837, 302.665



89, 19.042, 302.827



73, 14.252, 319.313



38, 6.119, 302.513



21, 91.734, 308.482



2, 19.745, 299.301

Previews

White Background



This preview shows how the CIELCh color 78, 12.549, 121.307 looks on a white background.

Color Contrast Check

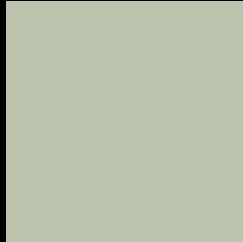
Large Text (above 18pt) WCAG AA × Fail

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 78, 12.549, 121.307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

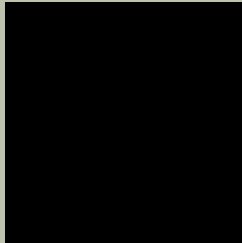
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

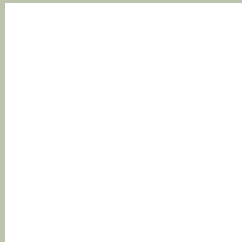
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 12.549, 121.307

Background



This preview shows how black text looks on a background with the CIELCh color 78, 12.549, 121.307.

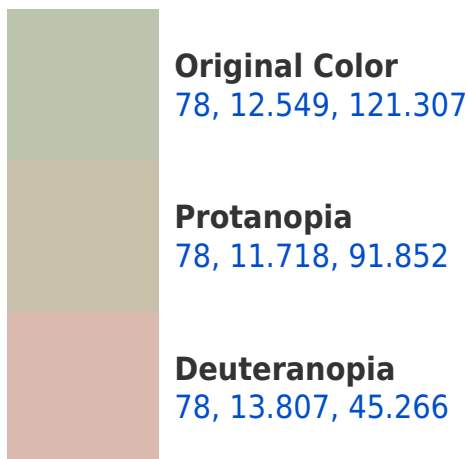


This preview shows how white text looks on a background with the CIELCh color 78, 12.549, 121.307.

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](#).

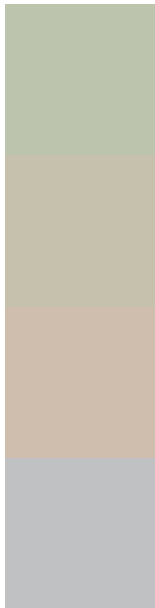
Dichromacy





Tritanopia
78, 8.132, 298.502

Trichromacy



Original Color
78, 12.549, 121.307

Protanomaly
78, 11.291, 101.304

Deuteranomaly
78, 10.780, 71.810

Tritanomaly
78, 0.651, 256.093

Monochromacy



Original Color
78, 12.549, 121.307

Achromatopsia
77, 0.009, 296.813

Achromatomaly
78, 4.943, 122.813

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 12.549, 121.307 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, 196, 173)` looks like.

```
.text, #text, p{  
    color:rgb(189, 196, 173)  
}
```

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, 196, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 196, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 12.549, 121.307 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, 196, 173) }
```

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

```
.border{ border-color:rgb(189, 196, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 196, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 196, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 196, 173);  
box-shadow:4px 4px 4px 4px rgb(189, 196,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 12.549, 121.307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 196, 173) }
```

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

```
.background{ background-color: rgb(189,  
196, 173) }
```

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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