

Converting Colors

CIELCh(78, 13.883, 131.417)

Have a look what the booklet for
CIELCh(78, 13.883, 131.417)
contains.

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Color

CIELCh(78, 13.883, 131.417)

Conversions

Conversions Part 1

Format	Color
Hex	B7C5AD
RGB	183, 197, 173
RGB Percent	72%, 77%, 68%
CMY	0.2811, 0.2262, 0.3203
CMYK	0.07, 0.00, 0.12, 0.23
HSL	95°, 17%, 73%
HSV	95°, 12%, 77%
XYZ	47.2145, 53.2120, 47.4750
YIQ	190.0780, -0.6400, -10.4320

Conversions

Conversions Part 2

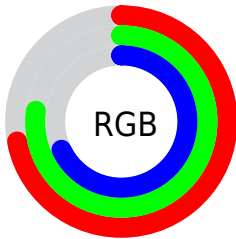
Format	Color
RYB	173, 197, 187
Decimal	12043693
CIELab	78.00, -9.18, 10.41
CIELCh	78, 13.883, 131.417
Yxy	53.2120, 0.3192, 0.3598
Android (android.graphics.Color)	4290233773 (0xFFB7C5AD)
YUV	190.0780, -8.4195, -6.2074
Hunter-Lab	72.9466, -12.1227, 12.4755




Details

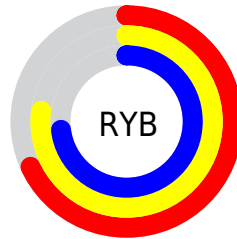
The CIELCh color **78, 13.883, 131.417** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73, 14.078, 312.433**, and the grayscale version is **77, 0.009, 296.813**.




A 20% lighter version of the original color is **98, 14.306, 131.282**, and **58, 13.536, 131.542** is the 20% darker color. If you saturate the color by 10%, you get **77, 25.325, 130.950**, and if you desaturate by 10%, it is **79, 2.459, 131.898**.

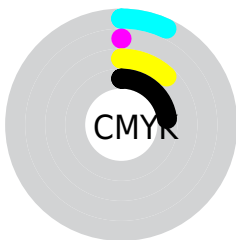
Distribution







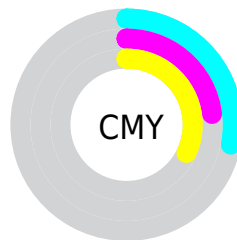
-  Red (72%)
-  Green (77%)
-  Blue (68%)






-  Red (68%)
-  Yellow (77%)
-  Blue (73%)



-  Cyan (7%)
-  Magenta (0%)
-  Yellow (12%)
-  Black (23%)





-  Cyan (28%)
-  Magenta (23%)
-  Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 13.883, 131.417 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, 13.883, 131.417 by changing the saturation by 10% instead.


 78, 13.883,
131.417

 78, 13.883,
131.417

 100, 13.883,
131.417


 68, 13.883,
131.417


 98, 13.883,
131.417

 58, 13.883,
131.417

 48, 13.883,
131.417

 38, 13.883,
131.417

 28, 13.883,
131.417

 18, 13.883,
131.417

 8, 13.883, 131.417

■ 0, 13.883, 131.417

■ 78, 13.883,
131.417

■ 78, 13.883,
131.417

■ 77, 25.325,
130.950

■ 79, 2.459, 131.898

■ 76, 36.677,
130.462

■ 81, 8.880, 312.214

■ 75, 47.795,
129.975

■ 82, 20.081,
312.574

■ 74, 58.472,
129.528

■ 84, 31.107,
312.888

■ 73, 68.416,
129.187

■ 85, 33.896,
318.435

■ 72, 77.227,
129.049

■ 86, 35.714,
324.399

■ 86, 36.176,

■ 72, 84.421,
129.239

325.682

■ 71, 89.572,
129.873

■ 71, 92.356,
130.605

Harmonies

Complementary

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



78, 13.883, 131.417



73, 14.078, 312.433

Rectangle

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



78, 13.883, 131.417



78, 13.883, 181.417



78, 13.883, 311.417



78, 13.883, 1.417

Sweetspot

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



78, 13.885, 131.420



99, 5.600, 131.792



76, 8.418, 82.300



53, 3.982, 131.755



0, 0.000, 0.000



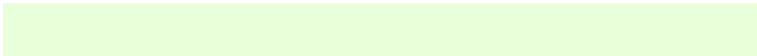
53, 0.007, 296.813

Same Dimension

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



78, 13.885, 131.420



98, 21.091, 131.279



77, 14.865, 146.040



41, 6.507, 131.546



59, 80.033, 130.390



12, 23.571, 134.291

Inverse Universe

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



73, 14.078, 312.433



89, 21.450, 312.571



73, 14.890, 327.446



39, 6.580, 312.308



27, 87.706, 314.063



3, 22.764, 309.092

Previews

White Background



This preview shows how the CIELCh color 78, 13.883, 131.417 looks on a white background.

Color Contrast Check

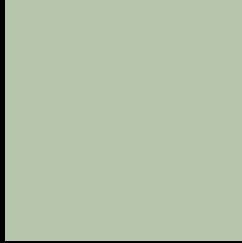
Large Text (above 18pt) WCAG AA × Fail

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, 13.883, 131.417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

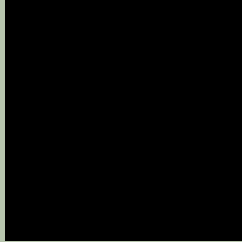
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

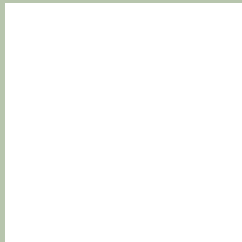
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 13.883, 131.417

Background



This preview shows how black text looks on a background with the CIELCh color 78, 13.883, 131.417.



This preview shows how white text looks on a background with the CIELCh color 78, 13.883, 131.417.

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](#).

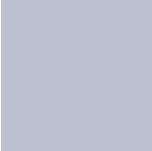
Dichromacy



Original Color
78, 13.883, 131.417

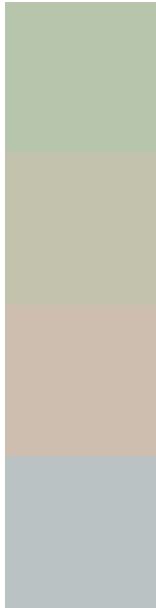
Protanopia
78, 11.718, 91.852

Deuteranopia
78, 13.196, 43.958



Tritanopia
78, 8.622, 283.888

Trichromacy



Original Color
78, 13.883, 131.417

Protanomaly
78, 11.722, 107.214

Deuteranomaly
78, 9.873, 73.598

Tritanomaly
78, 2.593, 211.348

Monochromacy



Original Color
78, 13.883, 131.417

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 5.173, 130.817

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 13.883, 131.417 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(183, 197, 173)` looks like.

```
.text, #text, p{  
    color:rgb(183, 197, 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(183, 197, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 197, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 13.883, 131.417 is called "border". The border property can be set on classes, ids or directly on the HTML element.

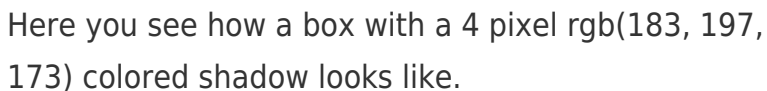
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 197, 173) }
```

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

```
.border{ border-color:rgb(183, 197, 173) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 197, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 197, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 197, 173); box-shadow:4px 4px 4px 4px rgb(183, 197, 173) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 13.883, 131.417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 197, 173) }
```

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

```
.background{ background-color: rgb(183,  
197, 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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