

Converting Colors

CIELCh(78, 15.573, 137.560)

Have a look what the booklet for
CIELCh(78, 15.573, 137.560)
contains.

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Color

CIELCh(78, 15.825, 137.297)

Conversions

Conversions Part 1

Format	Color
Hex	B3C7AD
RGB	179, 199, 173
RGB Percent	70%, 78%, 68%
CMY	0.2995, 0.2211, 0.3230
CMYK	0.10, 0.00, 0.13, 0.22
HSL	106°, 19%, 73%
HSV	106°, 13%, 78%
XYZ	46.3452, 53.2120, 47.1738
YIQ	190.0560, -3.5740, -12.3260

Conversions

Conversions Part 2

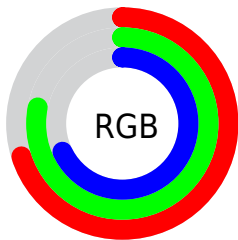
Format	Color
RYB	173, 199, 193
Decimal	11782061
CIELab	78.00, -11.63, 10.73
CIElCh	78, 15.825, 137.297
Yxy	53.2120, 0.3159, 0.3626
Android (android.graphics.Color)	4289972141 (0xFFB3C7AD)
YUV	190.0560, -8.4086, -9.6961
Hunter-Lab	72.9466, -14.2499, 12.7203

Details

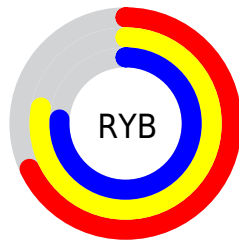
The CIELCh color **78, 15.825, 137.297** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **73, 15.951, 318.438**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 15.535, 136.549**, and **58, 15.611, 137.800** is the 20% darker color. If you saturate the color by 10%, you get **77, 27.990, 136.764**, and if you desaturate by 10%, it is **80, 3.708, 137.807**.

Distribution



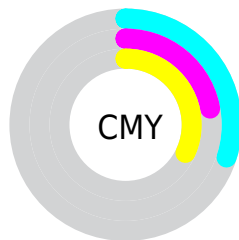
- Red (70%)
- Green (78%)
- Blue (68%)



- Red (68%)
- Yellow (78%)
- Blue (76%)



- Cyan (10%)
- Magenta (0%)
- Yellow (13%)
- Black (22%)





- Cyan (30%)
- Magenta (22%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 15.825, 137.297 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, 15.825, 137.297 by changing the saturation by 10% instead.


 78, 15.825,
137.297

 78, 15.825,
137.297


 100, 15.825,
137.297


 68, 15.825,
137.297


 98, 15.825,
137.297

 58, 15.825,
137.297

 48, 15.825,
137.297

 38, 15.825,
137.297

 28, 15.825,
137.297

 18, 15.825,
137.297

 8, 15.825, 137.297

0, 15.825, 137.297

78, 15.825,
137.297

78, 15.825,
137.297

77, 27.990,
136.764

80, 3.708, 137.807

75, 40.062,
136.178

81, 8.272, 318.138

74, 51.857,
135.553

83, 20.044,
318.506

73, 63.121,
134.921

85, 31.565,
318.813

72, 73.508,
134.344

87, 35.361,
325.654

72, 82.571,
133.918

■ 71, 89.792,
133.769

■ 71, 94.730,
134.009

■ 70, 97.001,
134.312

Harmonies

Complementary

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



78, 15.825, 137.297



73, 15.951, 318.438

Rectangle

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



78, 15.825, 137.297



78, 15.825, 187.297



78, 15.825, 317.297



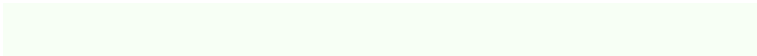
78, 15.825, 7.297

Sweetspot

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



78, 15.827, 137.298



99, 5.891, 137.752



78, 10.868, 96.788



53, 4.190, 137.711



0, 0.000, 0.000



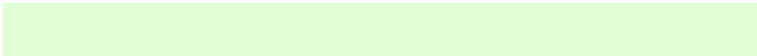
53, 0.007, 296.813

Same Dimension

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



78, 15.827, 137.298



97, 23.728, 137.136



78, 14.089, 152.082



41, 6.853, 137.484



59, 83.681, 134.160



11, 24.934, 138.970

Inverse Universe

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



73, 15.951, 318.438



89, 23.949, 318.578



73, 14.160, 333.818



39, 6.897, 318.271



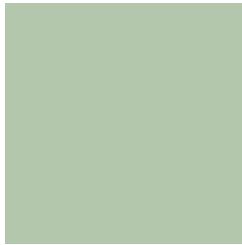
32, 84.705, 319.715



3, 24.154, 317.020

Previews

White Background



This preview shows how the CIELCh color 78, 15.825, 137.297 looks on a white background.

Color Contrast Check

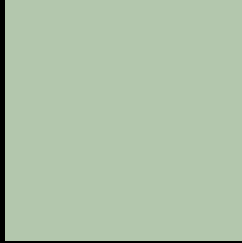
Large Text (above 18pt) WCAG AA × Fail

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, 15.825, 137.297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

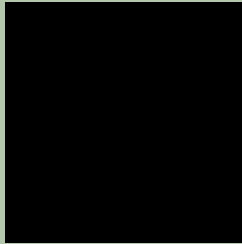
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

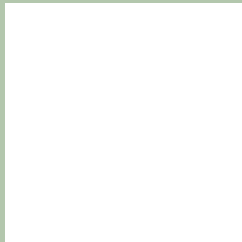
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 15.825, 137.297

Background



This preview shows how black text looks on a background with the CIELCh color 78, 15.825, 137.297.

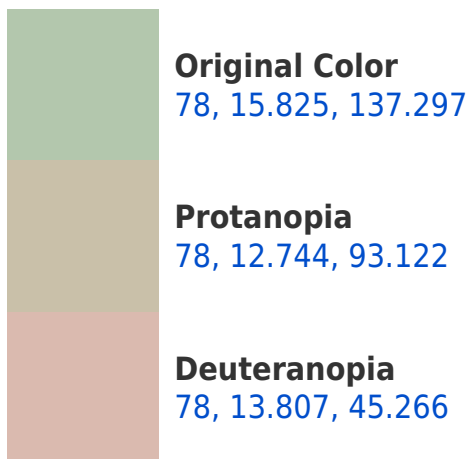


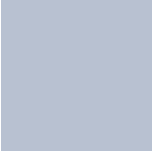
This preview shows how white text looks on a background with the CIELCh color 78, 15.825, 137.297.

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](#).

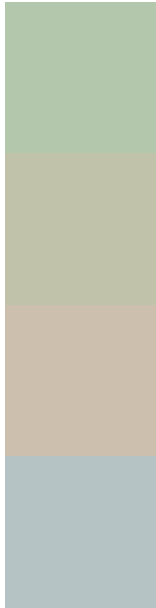
Dichromacy





Tritanopia
78, 9.072, 270.572

Trichromacy



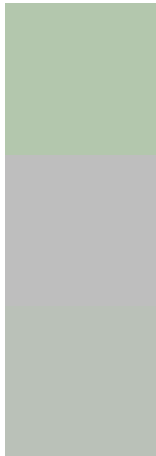
Original Color
78, 15.825, 137.297

Protanomaly
78, 12.792, 110.713

Deuteranomaly
78, 10.358, 80.382

Tritanomaly
78, 4.709, 205.704

Monochromacy



Original Color
78, 15.825, 137.297

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 5.495, 137.976

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 15.825, 137.297 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(179, 199, 173)` looks like.

```
.text, #text, p{  
    color:rgb(179, 199, 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(179, 199, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 199, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 15.825, 137.297 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(179, 199, 173) }
```

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

```
.border{ border-color:rgb(179, 199, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 199, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 199, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 199, 173);  
box-shadow:4px 4px 4px 4px rgb(179, 199,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 15.825, 137.297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 199, 173) }
```

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

```
.background{ background-color: rgb(179,  
199, 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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