

Converting Colors

CIELCh(78, 14.992, 135.822)

Have a look what the booklet for
CIELCh(78, 14.992, 135.822)
contains.

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Color

CIELCh(78, 15.006, 135.820)

Conversions

Conversions Part 1

Format	Color
Hex	B4C6AD
RGB	180, 198, 173
RGB Percent	71%, 78%, 68%
CMY	0.2935, 0.2229, 0.3209
CMYK	0.09, 0.00, 0.13, 0.22
HSL	103°, 18%, 73%
HSV	103°, 13%, 78%
XYZ	46.6525, 53.2120, 47.4311
YIQ	189.7680, -2.7030, -11.5910

Conversions

Conversions Part 2

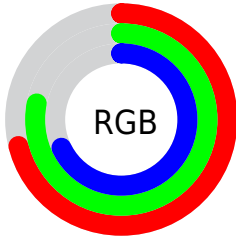
Format	Color
RYB	173, 198, 191
Decimal	11847341
CIELab	78.00, -10.76, 10.46
CIELCh	78, 15.006, 135.820
Yxy	53.2120, 0.3167, 0.3613
Android (android.graphics.Color)	4290037421 (0xFFB4C6AD)
YUV	189.7680, -8.2666, -8.5665
Hunter-Lab	72.9466, -13.4980, 12.5113

Details

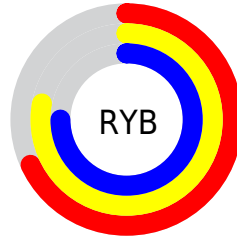
The CIELCh color **78, 15.006, 135.820** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **73, 15.148, 316.884**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 15.368, 135.401**, and **58, 14.740, 136.261** is the 20% darker color. If you saturate the color by 10%, you get **77, 26.964, 135.316**, and if you desaturate by 10%, it is **80, 3.093, 136.317**.

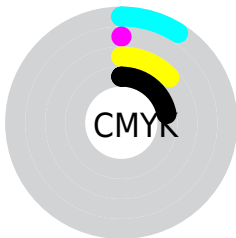
Distribution



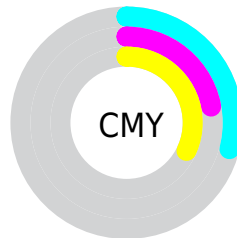
- Red (71%)
- Green (78%)
- Blue (68%)



- Red (68%)
- Yellow (78%)
- Blue (75%)



- Cyan (9%)
- Magenta (0%)
- Yellow (13%)
- Black (22%)





- Cyan (29%)
- Magenta (22%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 15.006, 135.820 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, 15.006, 135.820 by changing the saturation by 10% instead.


 78, 15.006,
135.820


 78, 15.006,
135.820


 100, 15.006,
135.820


 68, 15.006,
135.820


 98, 15.006,
135.820

 58, 15.006,
135.820

 48, 15.006,
135.820

 38, 15.006,
135.820

 28, 15.006,
135.820

 18, 15.006,
135.820

 8, 15.006, 135.820

0, 15.006, 135.820

78, 15.006,
135.820

78, 15.006,
135.820

77, 26.964,
135.316

80, 3.093, 136.317

75, 38.837,
134.768

81, 8.694, 316.630

74, 50.456,
134.194

83, 20.292,
316.986

73, 61.584,
133.627

85, 31.659,
317.288

72, 71.896,
133.129

86, 35.029,
323.923

72, 80.960,
132.798

86, 35.642,
325.663

■ 71, 88.269,
132.757

■ 71, 93.380,
133.121

■ 70, 95.921,
133.562

Harmonies

Complementary

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



78, 15.006, 135.820



73, 15.148, 316.884

Rectangle

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



78, 15.006, 135.820



78, 15.006, 185.820



78, 15.006, 315.820



78, 15.006, 5.820

Sweetspot

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



78, 15.008, 135.822



99, 5.808, 136.234



77, 9.937, 93.377



53, 4.131, 136.195



0, 0.000, 0.000



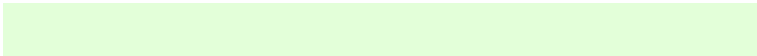
53, 0.007, 296.813

Same Dimension

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



78, 15.008, 135.822



97, 21.912, 135.694



78, 14.064, 150.293



41, 6.755, 135.977



59, 82.872, 133.390



11, 24.596, 137.899

Inverse Universe

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



73, 15.148, 316.884



90, 22.151, 316.998



73, 14.116, 331.892



39, 6.806, 316.741



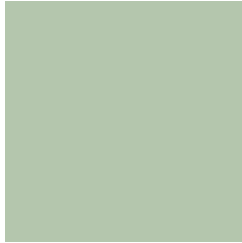
31, 85.403, 318.089



3, 23.707, 314.828

Previews

White Background



This preview shows how the CIELCh color 78, 15.006, 135.820 looks on a white background.

Color Contrast Check

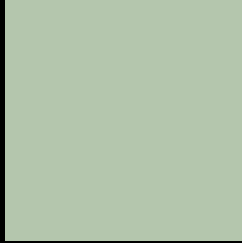
Large Text (above 18pt) WCAG AA × Fail

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, 15.006, 135.820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

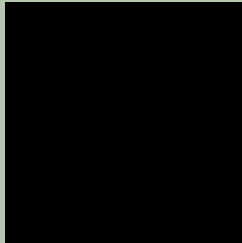
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

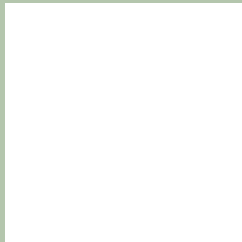
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 15.006, 135.820

Background



This preview shows how black text looks on a background with the CIELCh color 78, 15.006, 135.820.

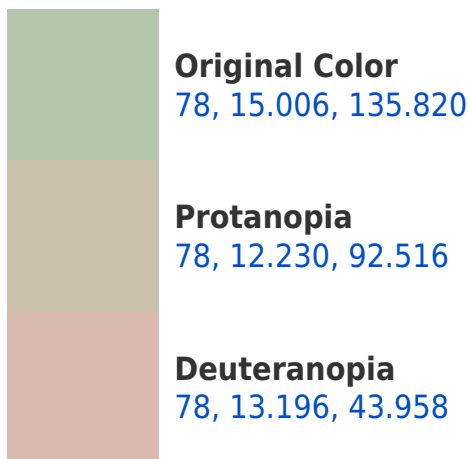


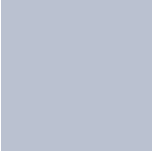
This preview shows how white text looks on a background with the CIELCh color 78, 15.006, 135.820.

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, 8.359, 273.725

Trichromacy



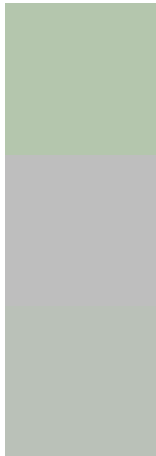
Original Color
78, 15.006, 135.820

Protanomaly
78, 12.261, 110.834

Deuteranomaly
78, 9.649, 75.468

Tritanomaly
78, 3.985, 199.232

Monochromacy



Original Color
78, 15.006, 135.820

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, 15.006, 135.820 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(180, 198, 173)` looks like.

```
.text, #text, p{  
    color:rgb(180, 198, 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(180, 198, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 198, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 15.006, 135.820 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(180, 198, 173) }
```

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

```
.border{ border-color:rgb(180, 198, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 198, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 198, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 198, 173);  
box-shadow:4px 4px 4px 4px rgb(180, 198,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 15.006, 135.820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 198, 173) }
```

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

```
.background{ background-color: rgb(180,  
198, 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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