

Converting Colors

CIELCh(78, 18.726, 132.061)

Have a look what the booklet for
CIELCh(78, 18.726, 132.061)
contains.

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Color

CIELCh(78, 18.699, 132.624)

Conversions

Conversions Part 1

Format	Color
Hex	B3C7A7
RGB	179, 199, 167
RGB Percent	70%, 78%, 65%
CMY	0.2981, 0.2196, 0.3451
CMYK	0.10, 0.00, 0.16, 0.22
HSL	98°, 22%, 72%
HSV	98°, 16%, 78%
XYZ	45.9811, 53.2120, 44.3998
YIQ	189.3720, -1.6480, -14.1920

Conversions

Conversions Part 2

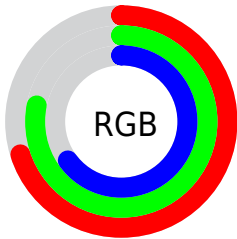
Format	Color
RYB	167, 199, 187
Decimal	11782055
CIELab	78.00, -12.66, 13.76
CIELCh	78, 18.699, 132.624
Yxy	53.2120, 0.3202, 0.3706
Android (android.graphics.Color)	4289972135 (0xFFB3C7A7)
YUV	189.3720, -11.0294, -9.0962
Hunter-Lab	72.9466, -15.1408, 14.9750

Details

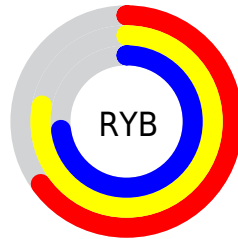
The CIELCh color **78, 18.699, 132.624** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **71, 18.999, 313.984**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 18.297, 132.135**, and **58, 18.639, 132.700** is the 20% darker color. If you saturate the color by 10%, you get **77, 30.341, 132.141**, and if you desaturate by 10%, it is **79, 7.047, 133.085**.

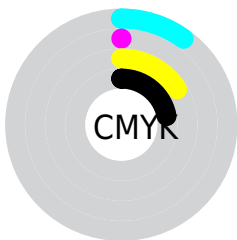
Distribution



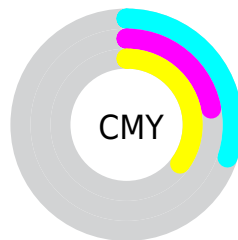
- Red (70%)
- Green (78%)
- Blue (65%)



- Red (65%)
- Yellow (78%)
- Blue (73%)



- Cyan (10%)
- Magenta (0%)
- Yellow (16%)
- Black (22%)




- Cyan (30%)
- Magenta (22%)
- Yellow (35%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 18.699, 132.624 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, 18.699, 132.624 by changing the saturation by 10% instead.

 78, 18.699,
132.624

 78, 18.699,
132.624

 100, 18.699,
132.624

 68, 18.699,
132.624


 98, 18.699,
132.624

 58, 18.699,
132.624

 48, 18.699,
132.624

 38, 18.699,
132.624

 28, 18.699,
132.624

 18, 18.699,
132.624

 8, 18.699, 132.624

■ 0, 18.699, 132.624

■ 78, 18.699,
132.624

■ 78, 18.699,
132.624

■ 77, 30.341,
132.141

■ 79, 7.047, 133.085

■ 76, 41.844,
131.635

■ 81, 4.532, 313.432

■ 75, 53.035,
131.136

■ 82, 15.975,
313.817

■ 74, 63.670,
130.689

■ 84, 27.238,
314.140

■ 73, 73.404,
130.373

■ 85, 32.887,
318.348

■ 72, 81.788,
130.295

■ 87, 34.881,
324.951

■ 87, 35.129,

■ 72, 88.328,
130.586

325.646

■ 71, 92.691,
131.332

■ 71, 94.043,
131.656

Harmonies

Complementary

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



78, 18.699, 132.624



71, 18.999, 313.984

Rectangle

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



78, 18.699, 132.624



78, 18.699, 182.624



78, 18.699, 312.624



78, 18.699, 2.624

Sweetspot

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



78, 18.701, 132.626



99, 7.080, 133.133



76, 11.600, 84.852



53, 4.833, 133.099



0, 0.000, 0.000



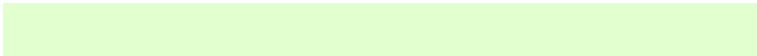
53, 0.007, 296.813

Same Dimension

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



78, 18.701, 132.626



97, 27.033, 132.474



77, 19.359, 146.755



41, 6.578, 132.935



59, 80.978, 131.445



11, 23.903, 135.527

Inverse Universe

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



71, 18.999, 313.984



87, 27.545, 314.128



72, 19.397, 328.708



39, 6.645, 313.688



28, 86.958, 315.209



3, 23.009, 310.777

Previews

White Background



This preview shows how the CIELCh color 78, 18.699, 132.624 looks on a white background.

Color Contrast Check

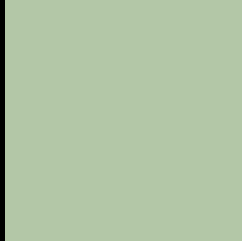
Large Text (above 18pt) WCAG AA × Fail

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, 18.699, 132.624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

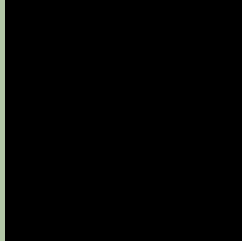
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 18.699, 132.624

Background



This preview shows how black text looks on a background with the CIELCh color 78, 18.699, 132.624.

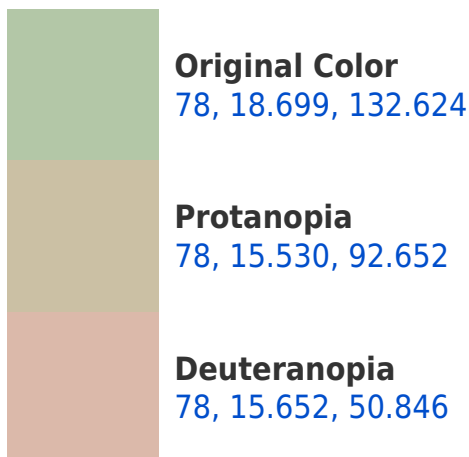


This preview shows how white text looks on a background with the CIELCh color 78, 18.699, 132.624.

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](#).

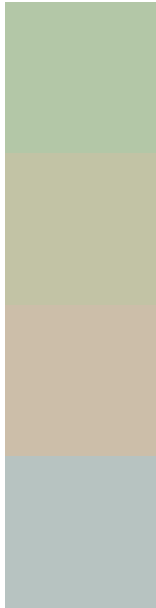
Dichromacy





Tritanopia
78, 8.461, 271.448

Trichromacy



Original Color
78, 18.699, 132.624

Protanomaly
78, 15.958, 110.094

Deuteranomaly
78, 12.468, 83.206

Tritanomaly
78, 4.507, 185.415

Monochromacy



Original Color
78, 18.699, 132.624

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 7.106, 134.436

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 18.699, 132.624 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, 167)` looks like.

```
.text, #text, p{  
    color:rgb(179, 199, 167)  
}
```

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, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 199, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 18.699, 132.624 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, 167) }
```

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

```
.border{ border-color:rgb(179, 199, 167) }
```

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, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 199, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 199, 167);  
box-shadow:4px 4px 4px 4px rgb(179, 199,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 18.699, 132.624 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, 167) }
```

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

```
.background{ background-color: rgb(179,  
199, 167) }
```

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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