

Converting Colors

CIELCh(78, 17.884, 126.090)

Have a look what the booklet for
CIELCh(78, 17.884, 126.090)
contains.

CIELCh(78, 17.867, 126.094)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(78, 17.867, 126.094)

Conversions

Conversions Part 1

Format	Color
Hex	B8C6A6
RGB	184, 198, 166
RGB Percent	72%, 78%, 65%
CMY	0.2792, 0.2243, 0.3498
CMYK	0.07, 0.00, 0.16, 0.22
HSL	86°, 22%, 71%
HSV	86°, 16%, 78%
XYZ	46.7363, 53.2120, 43.7933
YIQ	190.1660, 1.9280, -12.9200

Conversions

Conversions Part 2

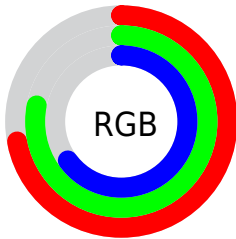
Format	Color
RYB	166, 198, 180
Decimal	12109478
CIELab	78.00, -10.53, 14.44
CIELCh	78, 17.867, 126.094
Yxy	53.2120, 0.3251, 0.3702
Android (android.graphics.Color)	4290299558 (0xFFB8C6A6)
YUV	190.1660, -11.9138, -5.4076
Hunter-Lab	72.9466, -13.2930, 15.4680

Details

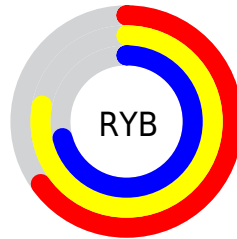
The CIELCh color $78, 17.867, 126.094$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $70, 18.321, 307.655$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $98, 18.115, 126.359$, and $58, 17.742, 125.733$ is the 20% darker color. If you saturate the color by 10%, you get $77, 28.869, 125.596$, and if you desaturate by 10%, it is $79, 6.813, 126.588$.

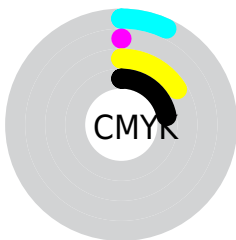
Distribution



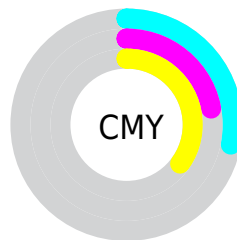
- Red (72%)
- Green (78%)
- Blue (65%)



- Red (65%)
- Yellow (78%)
- Blue (71%)



- Cyan (7%)
- Magenta (0%)
- Yellow (16%)
- Black (22%)





- Cyan (28%)
- Magenta (22%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 17.867, 126.094 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, 17.867, 126.094 by changing the saturation by 10% instead.


 78, 17.867,
126.094


 78, 17.867,
126.094


 100, 17.867,
126.094


 68, 17.867,
126.094


 98, 17.867,
126.094

 58, 17.867,
126.094

 48, 17.867,
126.094

 38, 17.867,
126.094

 28, 17.867,
126.094

 18, 17.867,
126.094

 8, 17.867, 126.094

■ 0, 17.867, 126.094

■ 78, 17.867,
126.094

■ 78, 17.867,
126.094

■ 77, 28.869,
125.596

■ 79, 6.813, 126.588

■ 76, 39.706,
125.100

■ 80, 4.225, 307.006

■ 75, 50.226,
124.639

■ 82, 15.191,
307.446

■ 74, 60.203,
124.264

■ 83, 26.049,
307.837

■ 74, 69.313,
124.052

■ 84, 31.917,
310.541

■ 73, 77.124,
124.110

■ 85, 32.899,
315.522

■ 85, 34.107,

■ 73, 83.160,
124.563

320.259

■ 72, 87.121,
125.498

■ 86, 35.525,
324.712

■ 72, 88.337,
125.905

■ 86, 35.870,
325.671

Harmonies

Complementary

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



78, 17.867, 126.094



70, 18.321, 307.655

Rectangle

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



78, 17.867, 126.094



78, 17.867, 176.094



78, 17.867, 306.094



78, 17.867, 356.094

Sweetspot

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



78, 17.869, 126.097



99, 6.776, 126.643



74, 10.301, 66.059



53, 4.624, 126.607



0, 0.000, 0.000



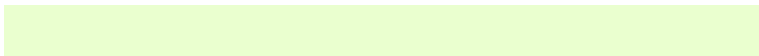
53, 0.007, 296.813

Same Dimension

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



78, 17.869, 126.097



97, 25.789, 125.942



77, 20.556, 141.739



41, 6.289, 126.431



60, 76.434, 125.673



12, 22.359, 128.986

Inverse Universe

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



70, 18.321, 307.655



86, 26.569, 307.826



72, 20.617, 323.443



39, 6.386, 307.298



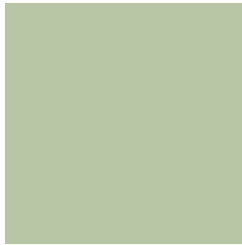
24, 90.458, 310.675



2, 22.142, 303.745

Previews

White Background



This preview shows how the CIELCh color 78, 17.867, 126.094 looks on a white background.

Color Contrast Check

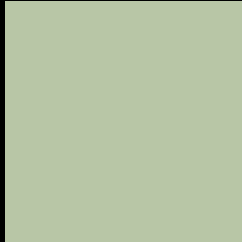
Large Text (above 18pt) WCAG AA × Fail

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, 17.867, 126.094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

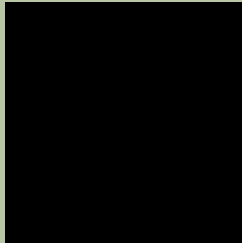
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 17.867, 126.094

Background



This preview shows how black text looks on a background with the CIELCh color 78, 17.867, 126.094.



This preview shows how white text looks on a background with the CIELCh color 78, 17.867, 126.094.

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](#).

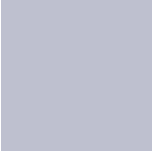
Dichromacy



Original Color
78, 17.867, 126.094

Protanopia
78, 16.043, 93.104

Deuteranopia
78, 16.592, 55.338



Tritanopia
78, 8.059, 285.858

Trichromacy



Original Color
78, 17.867, 126.094

Protanomaly
78, 15.978, 105.898

Deuteranomaly
78, 13.978, 80.585

Tritanomaly
78, 2.454, 173.600

Monochromacy



Original Color
78, 17.867, 126.094

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 6.695, 125.825

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 17.867, 126.094 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(184, 198, 166)` looks like.

```
.text, #text, p{  
    color:rgb(184, 198, 166)  
}
```

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(184, 198, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 198, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 17.867, 126.094 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(184, 198, 166) }
```

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

```
.border{ border-color:rgb(184, 198, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 198, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 198, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 198, 166);  
box-shadow:4px 4px 4px 4px rgb(184, 198,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 17.867, 126.094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 198, 166) }
```

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

```
.background{ background-color: rgb(184,  
198, 166) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor