

Converting Colors

CIELCh(78, 19.562, 127.093)

Have a look what the booklet for
CIELCh(78, 19.562, 127.093)
contains.

CIELCh(78, 19.124, 127.249)	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, 19.124, 127.249)

Conversions

Conversions Part 1

Format	Color
Hex	B6C6A4
RGB	182, 198, 164
RGB Percent	71%, 78%, 64%
CMY	0.2850, 0.2222, 0.3556
CMYK	0.08, 0.00, 0.17, 0.22
HSL	88°, 23%, 71%
HSV	88°, 17%, 78%
XYZ	46.3643, 53.2120, 43.0980
YIQ	189.3400, 1.3780, -13.9660

Conversions

Conversions Part 2

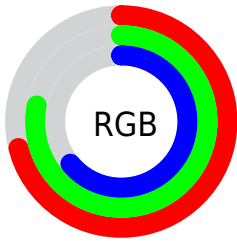
Format	Color
RYB	164, 198, 180
Decimal	11978404
CIELab	78.00, -11.58, 15.22
CIELCh	78, 19.124, 127.249
Yxy	53.2120, 0.3250, 0.3730
Android (android.graphics.Color)	4290168484 (0xFFB6C6A4)
YUV	189.3400, -12.4926, -6.4372
Hunter-Lab	72.9466, -14.2031, 16.0331

Details

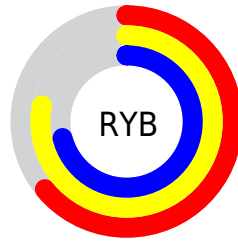
The CIELCh color **78, 19.124, 127.249** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **70, 19.606, 308.849**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 19.313, 127.445**, and **58, 19.075, 126.962** is the 20% darker color. If you saturate the color by 10%, you get **77, 30.232, 126.762**, and if you desaturate by 10%, it is **79, 7.963, 127.730**.

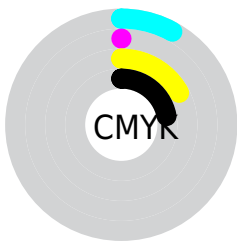
Distribution



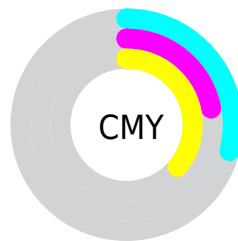
- Red (71%)
- Green (78%)
- Blue (64%)



- Red (64%)
- Yellow (78%)
- Blue (71%)



- Cyan (8%)
- Magenta (0%)
- Yellow (17%)
- Black (22%)





- Cyan (29%)
- Magenta (22%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 19.124, 127.249 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, 19.124, 127.249 by changing the saturation by 10% instead.


 78, 19.124,
127.249

 78, 19.124,
127.249

 100, 19.124,
127.249


 68, 19.124,
127.249


 98, 19.124,
127.249

 58, 19.124,
127.249

 48, 19.124,
127.249

 38, 19.124,
127.249

 28, 19.124,
127.249

 18, 19.124,
127.249

 8, 19.124, 127.249

■ 0, 19.124, 127.249

■ 78, 19.124,
127.249

■ 78, 19.124,
127.249

■ 77, 30.232,
126.762

■ 79, 7.963, 127.730

■ 76, 41.168,
126.275

■ 80, 3.179, 308.125

■ 75, 51.771,
125.824

■ 82, 14.244,
308.560

■ 74, 61.804,
125.462

■ 83, 25.192,
308.937

■ 74, 70.930,
125.270

■ 84, 31.789,
311.506

■ 73, 78.708,
125.358

■ 85, 32.910,
316.869

■ 86, 34.291,

■ 72, 84.662,
125.852

321.926

■ 72, 88.556,
126.823

■ 87, 35.545,
325.660

■ 72, 89.489,
127.120

Harmonies

Complementary

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



78, 19.124, 127.249



70, 19.606, 308.849

Rectangle

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



78, 19.124, 127.249



78, 19.124, 177.249



78, 19.124, 307.249



78, 19.124, 357.249

Sweetspot

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



78, 19.126, 127.252



99, 6.823, 127.830



74, 11.129, 69.685



53, 4.656, 127.795



0, 0.000, 0.000



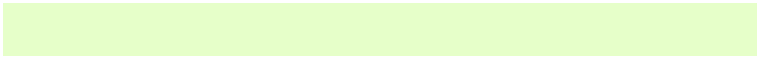
53, 0.007, 296.813

Same Dimension

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



78, 19.126, 127.252



97, 28.712, 127.049



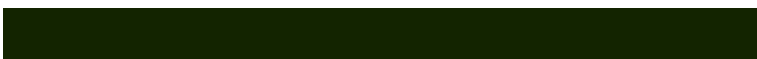
77, 22.087, 142.539



41, 6.334, 127.624



60, 77.267, 126.885



12, 22.628, 130.308

Inverse Universe

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



70, 19.606, 308.849



85, 29.615, 309.069



71, 22.129, 324.437



39, 6.426, 308.457



24, 89.831, 311.355



2, 22.255, 304.876

Previews

White Background



This preview shows how the CIELCh color 78, 19.124, 127.249 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, 19.124, 127.249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

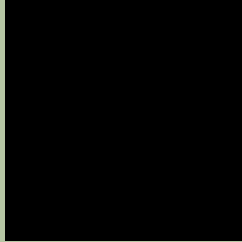
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

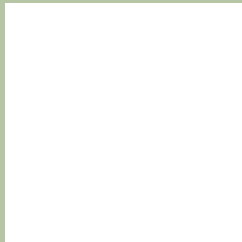
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 19.124, 127.249

Background



This preview shows how black text looks on a background with the CIELCh color 78, 19.124, 127.249.



This preview shows how white text looks on a background with the CIELCh color 78, 19.124, 127.249.

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

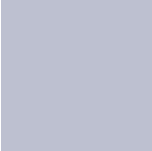
78, 19.124, 127.249

Protanopia

78, 17.073, 93.917

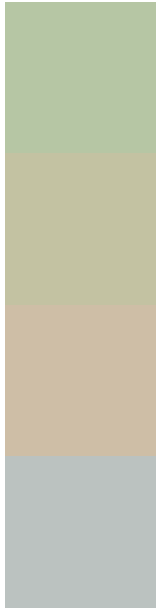
Deuteranopia

78, 16.946, 54.559



Tritanopia
78, 8.622, 283.888

Trichromacy



Original Color
78, 19.124, 127.249

Protanomaly
78, 17.025, 107.279

Deuteranomaly
78, 14.274, 82.910

Tritanomaly
78, 2.787, 176.801

Monochromacy



Original Color
78, 19.124, 127.249

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 6.815, 128.816

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 19.124, 127.249 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(182, 198, 164)` looks like.

```
.text, #text, p{  
    color:rgb(182, 198, 164)  
}
```

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(182, 198, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 198, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 19.124, 127.249 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(182, 198, 164) }
```

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

```
.border{ border-color:rgb(182, 198, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 198, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 198, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 198, 164);  
box-shadow:4px 4px 4px 4px rgb(182, 198,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 19.124, 127.249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 198, 164) }
```

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

```
.background{ background-color: rgb(182,  
198, 164) }
```

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