

Converting Colors

CIELCh(78, 21.927, 127.848)

Have a look what the booklet for
CIELCh(78, 21.927, 127.848)
contains.

CIELCh(78, 22.000, 127.727)	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, 22.000, 127.727)

Conversions

Conversions Part 1

Format	Color
Hex	B4C7A0
RGB	180, 199, 160
RGB Percent	71%, 78%, 63%
CMY	0.2933, 0.2188, 0.3718
CMYK	0.10, 0.00, 0.20, 0.22
HSL	89°, 26%, 70%
HSV	89°, 20%, 78%
XYZ	45.7009, 53.2120, 41.2089
YIQ	188.8730, 1.1950, -16.1570

Conversions

Conversions Part 2

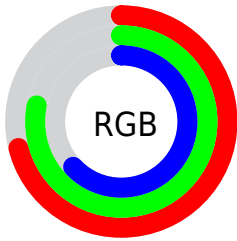
Format	Color
RYB	160, 199, 179
Decimal	11847584
CIELab	78.00, -13.46, 17.40
CIELCh	78, 22.000, 127.727
Yxy	53.2120, 0.3262, 0.3798
Android (android.graphics.Color)	4290037664 (0xFFB4C7A0)
YUV	188.8730, -14.2344, -7.7816
Hunter-Lab	72.9466, -15.8266, 17.5685

Details

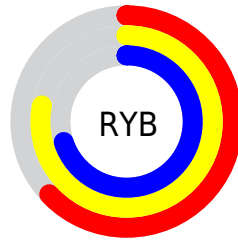
The CIELCh color **78, 22.000, 127.727** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **69, 22.613, 309.542**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 21.474, 127.468**, and **58, 22.108, 127.444** is the 20% darker color. If you saturate the color by 10%, you get **77, 33.168, 127.242**, and if you desaturate by 10%, it is **79, 10.758, 128.205**.

Distribution



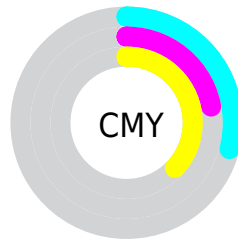
- Red (71%)
- Green (78%)
- Blue (63%)



- Red (63%)
- Yellow (78%)
- Blue (70%)



- Cyan (10%)
- Magenta (0%)
- Yellow (20%)
- Black (22%)




- Cyan (29%)
- Magenta (22%)
- Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 22.000, 127.727 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, 22.000, 127.727 by changing the saturation by 10% instead.

 78, 22.000,
127.727

 78, 22.000,
127.727

 100, 22.000,
127.727


 68, 22.000,
127.727

 98, 22.000,
127.727

 58, 22.000,
127.727

 48, 22.000,
127.727

 38, 22.000,
127.727

 28, 22.000,
127.727

 18, 22.000,
127.727

 8, 22.000, 127.727

0, 22.000, 127.727

78, 22.000,
127.727

78, 22.000,
127.727

77, 33.168,
127.242

79, 10.758,
128.205

76, 44.131,
126.762

80, 0.477, 308.400

75, 54.710,
126.327

82, 11.640,
309.038

74, 64.645,
125.995

83, 22.689,
309.417

74, 73.570,
125.856

84, 31.214,
311.089

73, 81.019,
126.027

85, 32.371,
316.768

■ 73, 86.535,
126.632

■ 86, 33.814,
322.104

■ 72, 90.141,
127.658

■ 87, 34.994,
325.641

■ 72, 90.279,
127.700

Harmonies

Complementary

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



78, 22.000, 127.727



69, 22.613, 309.542

Rectangle

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



78, 22.000, 127.727



78, 22.000, 177.727



78, 22.000, 307.727



78, 22.000, 357.727

Sweetspot

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



78, 22.002, 127.729



99, 8.221, 128.370



74, 12.941, 71.216



53, 5.454, 128.339



0, 0.000, 0.000



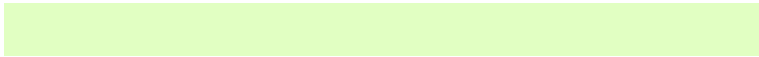
53, 0.007, 296.813

Same Dimension

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



78, 22.002, 127.729



97, 32.928, 127.497



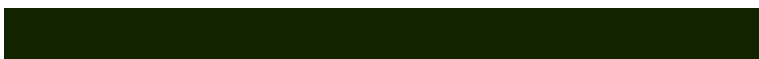
77, 25.468, 142.788



41, 6.358, 128.215



60, 77.685, 127.461



12, 22.765, 130.946

Inverse Universe

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



69, 22.613, 309.542



83, 34.079, 309.793



70, 25.501, 325.034



39, 6.446, 309.033



25, 89.515, 311.716



2, 22.317, 305.461

Previews

White Background



This preview shows how the CIELCh color 78, 22.000, 127.727 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, 22.000, 127.727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

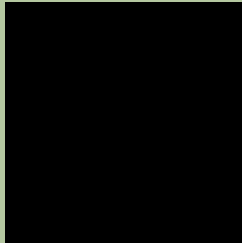
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

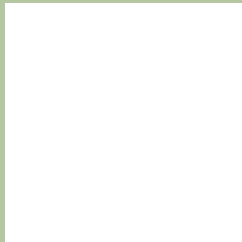
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 22.000, 127.727

Background



This preview shows how black text looks on a background with the CIELCh color 78, 22.000, 127.727.

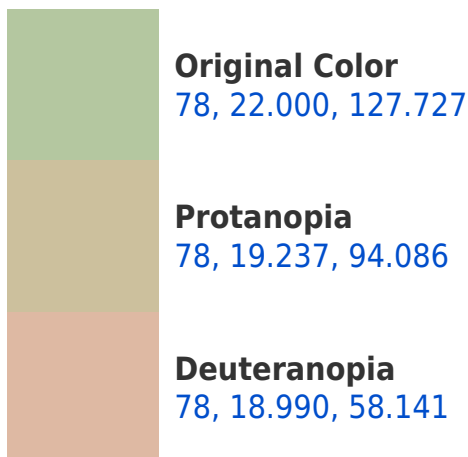


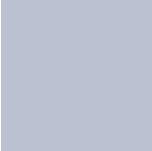
This preview shows how white text looks on a background with the CIELCh color 78, 22.000, 127.727.

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, 8.269, 276.059

Trichromacy



Original Color
78, 22.000, 127.727

Protanomaly
78, 19.648, 108.355

Deuteranomaly
78, 16.399, 84.599

Tritanomaly
78, 4.263, 169.068

Monochromacy



Original Color
78, 22.000, 127.727

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 7.954, 128.767

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 22.000, 127.727 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, 199, 160)` looks like.

```
.text, #text, p{  
    color:rgb(180, 199, 160)  
}
```

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, 199, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 199, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 22.000, 127.727 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, 199, 160) }
```

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

```
.border{ border-color:rgb(180, 199, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 199, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 199, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 199, 160);  
box-shadow:4px 4px 4px 4px rgb(180, 199,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 22.000, 127.727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 199, 160) }
```

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

```
.background{ background-color: rgb(180,  
199, 160) }
```

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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