

Converting Colors

CIELCh(78, 10.090, 126.692)

Have a look what the booklet for
CIELCh(78, 10.090, 126.692)
contains.

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Color

CIELCh(78, 10.078, 126.690)

Conversions

Conversions Part 1

Format	Color
Hex	BCC4B2
RGB	188, 196, 178
RGB Percent	74%, 77%, 70%
CMY	0.2638, 0.2325, 0.3030
CMYK	0.04, 0.00, 0.09, 0.23
HSL	87°, 13%, 73%
HSV	87°, 9%, 77%
XYZ	48.3548, 53.2120, 49.6967
YIQ	191.5560, 1.0100, -7.2940

Conversions

Conversions Part 2

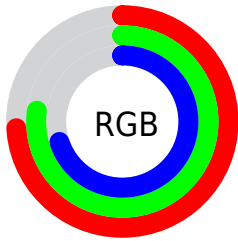
Format	Color
RYB	178, 196, 186
Decimal	12371122
CIELab	78.00, -6.02, 8.08
CIELCh	78, 10.078, 126.690
Yxy	53.2120, 0.3197, 0.3518
Android (android.graphics.Color)	4290561202 (0xFFBCC4B2)
YUV	191.5560, -6.6831, -3.1186
Hunter-Lab	72.9466, -9.3323, 10.6698

Details

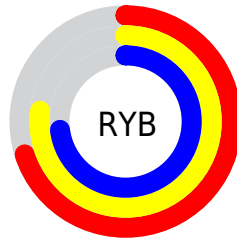
The CIELCh color **78, 10.078, 126.690** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74, 10.230, 307.534**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 10.200, 127.816**, and **58, 10.037, 125.371** is the 20% darker color. If you saturate the color by 10%, you get **77, 21.051, 126.204**, and if you desaturate by 10%, it is **79, 0.891, 307.035**.

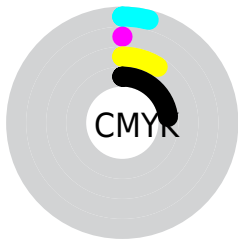
Distribution



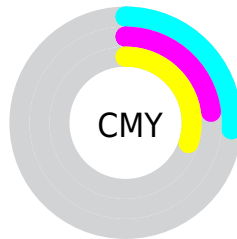
- Red (74%)
- Green (77%)
- Blue (70%)



- Red (70%)
- Yellow (77%)
- Blue (73%)



- Cyan (4%)
- Magenta (0%)
- Yellow (9%)
- Black (23%)





- Cyan (26%)
- Magenta (23%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 10.078, 126.690 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, 10.078, 126.690 by changing the saturation by 10% instead.


 78, 10.078,
126.690


 78, 10.078,
126.690


 100, 10.078,
126.690


 68, 10.078,
126.690


 98, 10.078,
126.690

 58, 10.078,
126.690

 48, 10.078,
126.690

 38, 10.078,
126.690

 28, 10.078,
126.690

 18, 10.078,
126.690

 8, 10.078, 126.690

0, 10.078, 126.690

78, 10.078,
126.690

78, 10.078,
126.690

77, 21.051,
126.204

79, 0.891, 307.035

76, 31.940,
125.706

80, 11.803,
307.566

75, 42.630,
125.218

82, 22.615,
307.964

74, 52.947,
124.778

83, 32.787,
308.566

73, 62.642,
124.443

84, 33.667,
313.471

73, 71.362,
124.299

85, 34.772,
318.173

■ 72, 78.653,
124.461

■ 85, 36.090,
322.629

■ 72, 84.064,
125.052

■ 86, 37.178,
325.716

■ 71, 87.577,
126.075

Harmonies

Complementary

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



78, 10.078, 126.690



74, 10.230, 307.534

Rectangle

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



78, 10.078, 126.690



78, 10.078, 176.690



78, 10.078, 306.690



78, 10.078, 356.690

Sweetspot

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



78, 10.080, 126.694



100, 4.065, 127.001



76, 5.689, 66.795



53, 3.084, 126.957



0, 0.000, 0.000



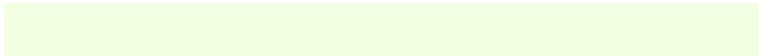
53, 0.007, 296.813

Same Dimension

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



78, 10.080, 126.694



98, 14.952, 126.598



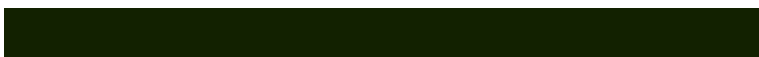
77, 11.542, 142.172



40, 6.165, 126.686



59, 75.713, 125.916



11, 20.716, 130.389

Inverse Universe

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



74, 10.230, 307.534



92, 15.215, 307.635



74, 11.573, 323.083



38, 6.258, 307.543



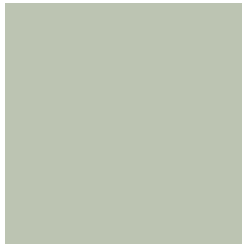
23, 89.271, 310.829



2, 20.041, 303.463

Previews

White Background



This preview shows how the CIELCh color 78, 10.078, 126.690 looks on a white background.

Color Contrast Check

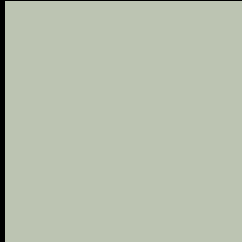
Large Text (above 18pt) WCAG AA × Fail

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, 10.078, 126.690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

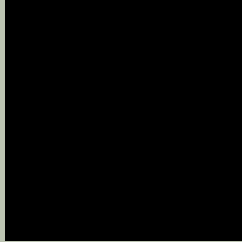
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

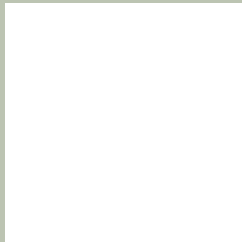
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 10.078, 126.690

Background



This preview shows how black text looks on a background with the CIELCh color 78, 10.078, 126.690.



This preview shows how white text looks on a background with the CIELCh color 78, 10.078, 126.690.

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, 10.078, 126.690

Protanopia

78, 9.055, 89.611

Deuteranopia

78, 11.996, 35.649



Tritanopia
78, 8.595, 293.342

Trichromacy



Original Color
78, 10.078, 126.690

Protanomaly
78, 8.600, 101.751

Deuteranomaly
78, 8.477, 63.383

Tritanomaly
78, 1.934, 255.979

Monochromacy



Original Color
78, 10.078, 126.690

Achromatopsia
77, 0.009, 296.813

Achromatomaly
78, 3.909, 126.391

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 10.078, 126.690 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(188, 196, 178)` looks like.

```
.text, #text, p{  
    color:rgb(188, 196, 178)  
}
```

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(188, 196, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 196, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 10.078, 126.690 is called "border". The border property can be set on classes, ids or directly on the HTML element.

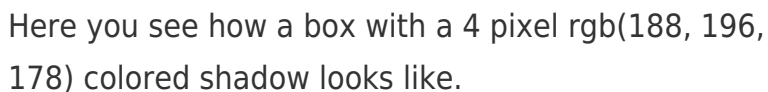
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 196, 178) }
```

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

```
.border{ border-color:rgb(188, 196, 178) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 196, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 196, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 196, 178); box-shadow:4px 4px 4px 4px rgb(188, 196, 178) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 10.078, 126.690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 196, 178) }
```

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

```
.background{ background-color: rgb(188,  
196, 178) }
```

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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