

Converting Colors

CIELCh(78, 11.339, 127.442)

Have a look what the booklet for
CIELCh(78, 11.339, 127.442)
contains.

CIELCh(78, 11.214, 126.842)	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, 11.214, 126.842)

Conversions

Conversions Part 1

Format	Color
Hex	BBC4B0
RGB	187, 196, 176
RGB Percent	73%, 77%, 69%
CMY	0.2665, 0.2311, 0.3096
CMYK	0.05, 0.00, 0.10, 0.23
HSL	87°, 15%, 73%
HSV	87°, 10%, 77%
XYZ	48.0999, 53.2120, 48.8370
YIQ	191.0290, 1.0560, -8.1280

Conversions

Conversions Part 2

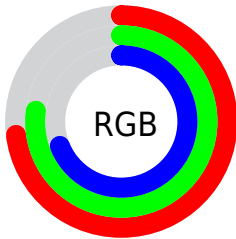
Format	Color
RYB	176, 196, 185
Decimal	12305584
CIELab	78.00, -6.72, 8.97
CIELCh	78, 11.214, 126.842
Yxy	53.2120, 0.3203, 0.3544
Android (android.graphics.Color)	4290495664 (0xFFBBC4B0)
YUV	191.0290, -7.4093, -3.5334
Hunter-Lab	72.9466, -9.9560, 11.3685

Details

The CIELCh color **78, 11.214, 126.842** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73, 11.396, 307.780**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 11.282, 127.868**, and **58, 10.701, 126.535** is the 20% darker color. If you saturate the color by 10%, you get **77, 22.213, 126.357**, and if you desaturate by 10%, it is **79, 0.214, 127.764**.

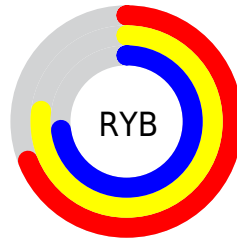
Distribution



Red (73%)

Green (77%)

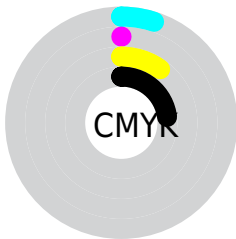
Blue (69%)



Red (69%)

Yellow (77%)

Blue (73%)

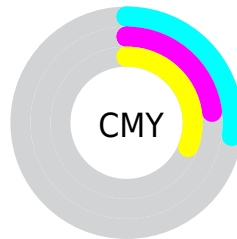


Cyan (5%)

Magenta (0%)

Yellow (10%)

Black (23%)



Cyan (27%)


Magenta (23%)


Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 11.214, 126.842 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, 11.214, 126.842 by changing the saturation by 10% instead.


 78, 11.214,
126.842


 78, 11.214,
126.842


 100, 11.214,
126.842


 68, 11.214,
126.842


 98, 11.214,
126.842


 58, 11.214,
126.842

 48, 11.214,
126.842

 38, 11.214,
126.842

 28, 11.214,
126.842

 18, 11.214,
126.842

 8, 11.214, 126.842

0, 11.214, 126.842

78, 11.214,
126.842

78, 11.214,
126.842

77, 22.213,
126.357

79, 0.214, 127.764

76, 33.119,
125.860

80, 10.733,
307.718

75, 43.810,
125.377

82, 21.581,
308.117

74, 54.109,
124.945

83, 32.300,
308.479

73, 63.754,
124.625

84, 33.451,
313.362

73, 72.379,
124.506

85, 34.571,
318.161

■ 72, 79.526,
124.706

■ 85, 35.911,
322.702

■ 72, 84.751,
125.346

■ 86, 36.968,
325.709

■ 71, 88.111,
126.365

Harmonies

Complementary

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



78, 11.214, 126.842



73, 11.396, 307.780

Rectangle

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



78, 11.214, 126.842



78, 11.214, 176.842



78, 11.214, 306.842



78, 11.214, 356.842

Sweetspot

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



78, 11.216, 126.846



100, 4.070, 127.200



76, 6.387, 68.600



53, 3.087, 127.156



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, 11.216, 126.846



98, 16.333, 126.750



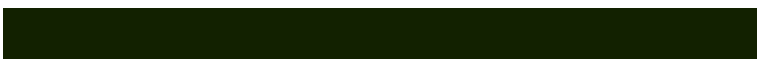
77, 12.903, 142.557



40, 6.172, 126.887



59, 75.851, 126.121



11, 20.757, 130.606

Inverse Universe

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



73, 11.396, 307.780



91, 16.640, 307.881



74, 12.934, 323.603



38, 6.265, 307.737



24, 89.168, 310.941



2, 20.057, 303.645

Previews

White Background



This preview shows how the CIELCh color 78, 11.214, 126.842 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, 11.214, 126.842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

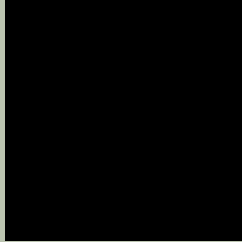
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 11.214, 126.842

Background



This preview shows how black text looks on a background with the CIELCh color 78, 11.214, 126.842.



This preview shows how white text looks on a background with the CIELCh color 78, 11.214, 126.842.

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

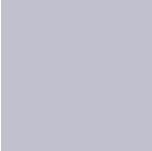
78, 11.214, 126.842

Protanopia

78, 10.070, 91.505

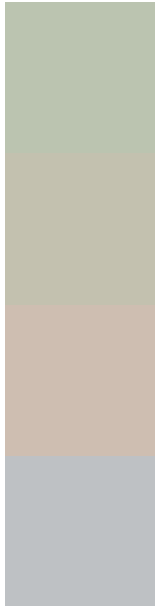
Deuteranopia

78, 12.747, 39.719



Tritanopia
78, 8.039, 290.917

Trichromacy



Original Color
78, 11.214, 126.842

Protanomaly
78, 9.623, 104.733

Deuteranomaly
78, 9.267, 67.977

Tritanomaly
78, 1.934, 255.979

Monochromacy



Original Color
78, 11.214, 126.842

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, 11.214, 126.842 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(187, 196, 176)` looks like.

```
.text, #text, p{  
    color:rgb(187, 196, 176)  
}
```

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(187, 196, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 196, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 11.214, 126.842 is called "border". The border property can be set on classes, ids or directly on the HTML element.

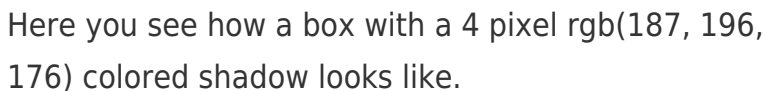
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 196, 176) }
```

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

```
.border{ border-color:rgb(187, 196, 176) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 196, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 196, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 196, 176); box-shadow:4px 4px 4px 4px rgb(187, 196, 176) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 11.214, 126.842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 196, 176) }
```

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

```
.background{ background-color: rgb(187,  
196, 176) }
```

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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