

Converting Colors

CIELCh(73, 12.476, 129.728)

Have a look what the booklet for
CIELCh(73, 12.476, 129.728)
contains.

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Color

CIELCh(73, 12.778, 130.135)

Conversions

Conversions Part 1

Format	Color
Hex	ABB7A1
RGB	171, 183, 161
RGB Percent	67%, 72%, 63%
CMY	0.3289, 0.2819, 0.3682
CMYK	0.07, 0.00, 0.12, 0.28
HSL	93°, 13%, 67%
HSV	93°, 12%, 72%
XYZ	40.2213, 45.1644, 40.3693
YIQ	176.9040, -0.0900, -9.3860

Conversions

Conversions Part 2

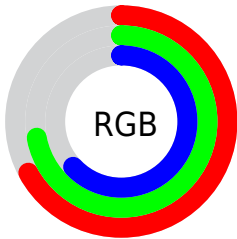
Format	Color
R _Y B	161, 183, 173
Decimal	11253665
CIE Lab	73.00, -8.24, 9.77
CIE LCh	73, 12.778, 130.135
Yxy	45.1644, 0.3198, 0.3591
Android (android.graphics.Color)	4289443745 (0xFFABB7A1)
YUV	176.9040, -7.8407, -5.1778
Hunter-Lab	67.2044, -10.7770, 11.4280

Details

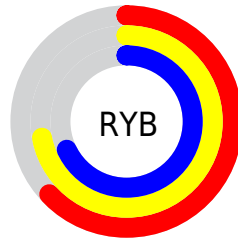
The CIELCh color **73, 12.778, 130.135** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68, 12.972, 311.151**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 12.761, 130.914**, and **53, 12.924, 129.213** is the 20% darker color. If you saturate the color by 10%, you get **72, 23.434, 129.671**, and if you desaturate by 10%, it is **74, 2.132, 130.619**.

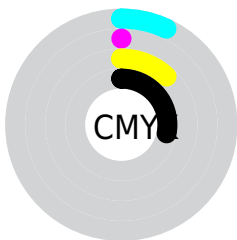
Distribution



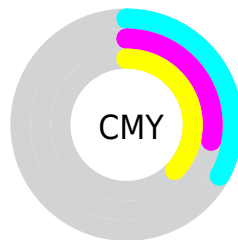
- Red (67%)
- Green (72%)
- Blue (63%)



- Red (63%)
- Yellow (72%)
- Blue (68%)



- Cyan (7%)
- Magenta (0%)
- Yellow (12%)
- Black (28%)





- Cyan (33%)
- Magenta (28%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 12.778, 130.135 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 73, 12.778, 130.135 by changing the saturation by 10% instead.


 73, 12.778,
130.135


 73, 12.778,
130.135


 100, 12.778,
130.135


 63, 12.778,
130.135


 93, 12.778,
130.135

 53, 12.778,
130.135

 43, 12.778,
130.135

 33, 12.778,
130.135

 23, 12.778,
130.135

 13, 12.778,
130.135

 3, 12.778, 130.135

0, 12.778, 130.135

73, 12.778,
130.135

73, 12.778,
130.135

72, 23.434,
129.671

74, 2.132, 130.619

71, 34.002,
129.189

75, 8.445, 310.942

70, 44.354,
128.714

77, 18.905,
311.309

69, 54.306,
128.285

78, 29.215,
311.632

68, 63.590,
127.964

80, 39.354,
311.919

68, 71.845,
127.847

81, 41.568,
315.897

82, 42.863,

■ 67, 78.625,
128.056

320.252

■ 67, 83.528,
128.707

■ 83, 44.377,
324.401

■ 66, 86.295,
129.460

■ 83, 45.034,
325.984

Harmonies

Complementary

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



73, 12.778, 130.135



68, 12.972, 311.151

Rectangle

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



73, 12.778, 130.135



73, 12.778, 180.135



73, 12.778, 310.135



73, 12.778, 0.135

Sweetspot

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



73, 12.780, 130.138



93, 5.231, 130.504



71, 7.518, 77.412



50, 3.750, 130.467



97, 0.011, 296.813



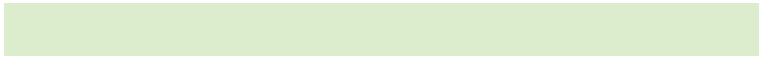
50, 0.007, 296.813

Same Dimension

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



73, 12.780, 130.138



92, 18.377, 130.036



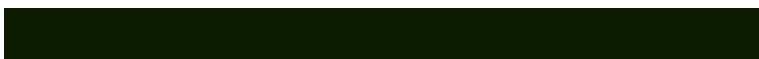
72, 14.300, 144.637



38, 6.033, 130.260



57, 76.336, 129.257



8, 17.070, 134.503

Inverse Universe

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



68, 12.972, 311.151



84, 18.700, 311.254



69, 14.320, 325.986



36, 6.107, 311.029



25, 85.311, 313.132



2, 16.079, 306.464

Previews

White Background



This preview shows how the CIELCh color 73, 12.778, 130.135 looks on a white background.

Color Contrast Check

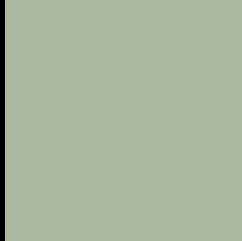
Large Text (above 18pt) WCAG AA × Fail

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 73, 12.778, 130.135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

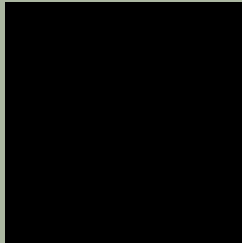
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

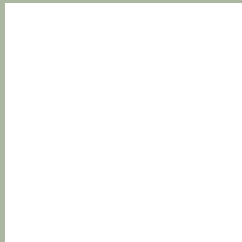
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 12.778, 130.135

Background



This preview shows how black text looks on a background with the CIELCh color 73, 12.778, 130.135.

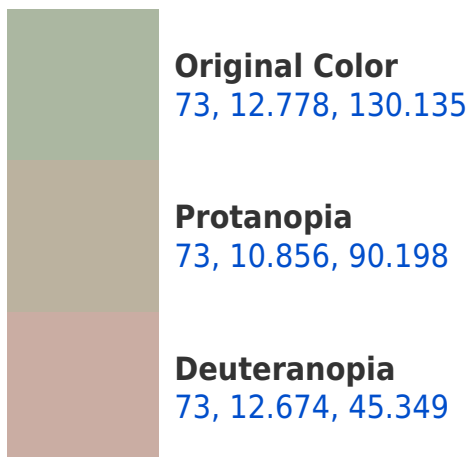


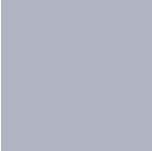
This preview shows how white text looks on a background with the CIELCh color 73, 12.778, 130.135.

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
73, 7.660, 282.820

Trichromacy



Original Color
73, 12.778, 130.135

Protanomaly
73, 10.807, 107.056

Deuteranomaly
73, 9.788, 75.357

Tritanomaly
73, 2.271, 213.295

Monochromacy



Original Color
73, 12.778, 130.135

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 4.603, 128.901

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 12.778, 130.135 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(171, 183, 161)` looks like.

```
.text, #text, p{  
    color:rgb(171, 183, 161)  
}
```

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(171, 183, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 183, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 12.778, 130.135 is called "border". The border property can be set on classes, ids or directly on the HTML element.

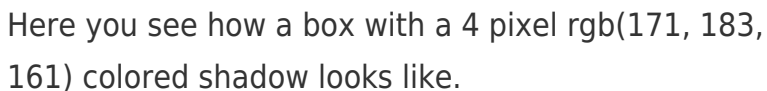
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(171, 183, 161) }
```

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

```
.border{ border-color:rgb(171, 183, 161) }
```

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



Here you see how a box with a 4 pixel `rgb(171, 183, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 183, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 183, 161);  
box-shadow:4px 4px 4px 4px rgb(171, 183,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 12.778, 130.135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 183, 161) }
```

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

```
.background{ background-color: rgb(171,  
183, 161) }
```

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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