

Converting Colors

CIELCh(80, 10.973, 224.454)

Have a look what the booklet for
CIELCh(80, 10.973, 224.454)
contains.

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Color

CIELCh(80, 10.963, 224.836)

Conversions

Conversions Part 1

Format	Color
Hex	AECBD4
RGB	174, 203, 212
RGB Percent	68%, 80%, 83%
CMY	0.3163, 0.2026, 0.1673
CMYK	0.18, 0.04, 0.00, 0.17
HSL	194°, 31%, 76%
HSV	194°, 18%, 83%
XYZ	50.8941, 56.6813, 70.7730
YIQ	195.3550, -20.1730, -3.3490

Conversions

Conversions Part 2

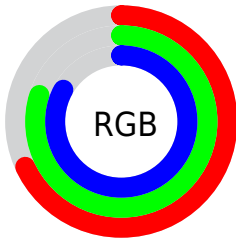
Format	Color
RYB	174, 190, 212
Decimal	11455444
CIELab	80.00, -7.77, -7.73
CIELCh	80, 10.963, 224.836
Yxy	56.6813, 0.2854, 0.3178
Android (android.graphics.Color)	4289645524 (0xFFFAECBD4)
YUV	195.3550, 8.2060, -18.7283
Hunter-Lab	75.2870, -11.0860, -3.0343

Details

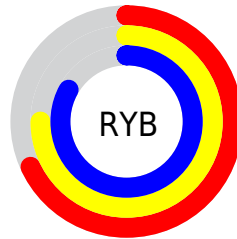
The CIELCh color **80, 10.963, 224.836** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **77, 12.270, 43.190**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 8.521, 198.944**, and **60, 10.890, 223.249** is the 20% darker color. If you saturate the color by 10%, you get **77, 16.570, 225.620**, and if you desaturate by 10%, it is **83, 4.964, 224.288**.

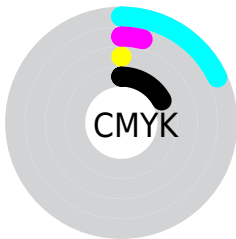
Distribution



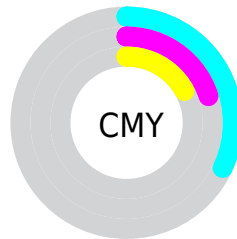
- Red (68%)
- Green (80%)
- Blue (83%)



- Red (68%)
- Yellow (75%)
- Blue (83%)



- Cyan (18%)
- Magenta (4%)
- Yellow (0%)
- Black (17%)





- Cyan (32%)
- Magenta (20%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 10.963, 224.836 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 80, 10.963, 224.836 by changing the saturation by 10% instead.


 80, 10.963,
224.836


 80, 10.963,
224.836


 100, 10.963,
224.836


 70, 10.963,
224.836


 60, 10.963,
224.836

 50, 10.963,
224.836

 40, 10.963,
224.836

 30, 10.963,
224.836

 20, 10.963,
224.836

 10, 10.963,

224.836

0, 10.963, 224.836

80, 10.963,
224.836

80, 10.963,
224.836

77, 16.570,
225.620

83, 4.964, 224.288

75, 21.696,
226.688

86, 1.345, 43.325

89, 7.891, 43.359

72, 26.252,
228.095

91, 13.123, 45.893

70, 30.160,
229.919

92, 12.945, 59.631

94, 13.516, 72.920

68, 33.367,
232.252

95, 14.742, 84.512

■ 66, 35.868,
235.182

■ 96, 16.470, 93.949

■ 64, 37.727,
238.781

■ 97, 18.555,
101.381

■ 63, 39.108,
243.030

■ 62, 39.392,
243.943

Harmonies

Complementary

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



80, 10.963, 224.836



77, 12.270, 43.190

Rectangle

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



80, 10.963, 224.836



80, 10.963, 274.836



80, 10.963, 44.836



80, 10.963, 94.836

Sweetspot

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



80, 10.963, 224.827



98, 3.670, 224.210



82, 20.886, 150.467



52, 2.500, 224.223



0, 0.000, 0.000



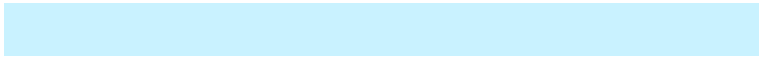
53, 0.007, 296.813

Same Dimension

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



80, 10.963, 224.827



93, 14.779, 225.063



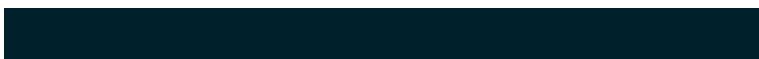
75, 15.362, 278.509



44, 3.579, 224.350



51, 33.387, 243.195



11, 12.721, 233.925

Inverse Universe

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



75, 20.936, 333.002



87, 28.527, 333.233



82, 15.222, 93.920



42, 6.654, 332.422



38, 71.437, 340.393



6, 27.688, 337.680

Previews

White Background



This preview shows how the CIELCh color 80, 10.963, 224.836 looks on a white background.

Color Contrast Check

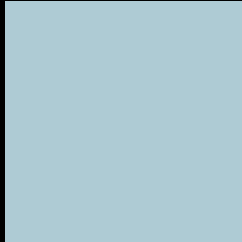
Large Text (above 18pt) WCAG AA × Fail

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 80, 10.963, 224.836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

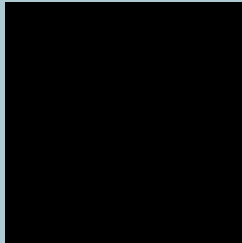
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

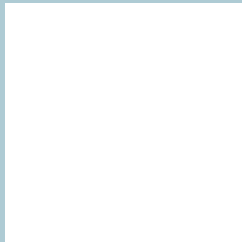
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 10.963, 224.836

Background



This preview shows how black text looks on a background with the CIELCh color 80, 10.963, 224.836.



This preview shows how white text looks on a background with the CIELCh color 80, 10.963, 224.836.

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
80, 12.115, 243.877

Trichromacy



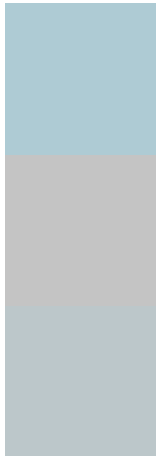
Original Color
80, 10.963, 224.836

Protanomaly
80, 6.781, 259.331

Deuteranomaly
80, 9.619, 293.147

Tritanomaly
80, 11.700, 238.698

Monochromacy



Original Color
80, 10.963, 224.836

Achromatopsia
79, 0.010, 296.813

Achromatomaly
80, 4.231, 221.505

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 10.963, 224.836 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(174, 203, 212)` looks like.

```
.text, #text, p{  
    color:rgb(174, 203, 212)  
}
```

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(174, 203, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 203, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 10.963, 224.836 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(174, 203, 212) }
```

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

```
.border{ border-color:rgb(174, 203, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 203, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 203, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 203, 212);  
box-shadow:4px 4px 4px 4px rgb(174, 203,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 10.963, 224.836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 203, 212) }
```

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

```
.background{ background-color: rgb(174,  
203, 212) }
```

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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