

Converting Colors

CIELCh(81, 11.976, 209.292)

Have a look what the booklet for
CIELCh(81, 11.976, 209.292)
contains.

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Color

CIELCh(81, 11.933, 211.554)

Conversions

Conversions Part 1

Format	Color
Hex	ADCFD4
RGB	173, 207, 212
RGB Percent	68%, 81%, 83%
CMY	0.3203, 0.1870, 0.1674
CMYK	0.18, 0.02, 0.00, 0.17
HSL	188°, 31%, 76%
HSV	188°, 18%, 83%
XYZ	51.6179, 58.4711, 71.0662
YIQ	197.4040, -21.8690, -5.6530

Conversions

Conversions Part 2

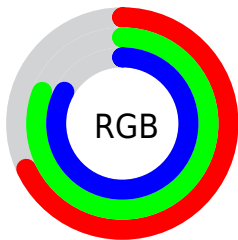
Format	Color
RYB	173, 191, 212
Decimal	11390932
CIELab	81.00, -10.17, -6.24
CIELCh	81, 11.933, 211.554
Yxy	58.4711, 0.2849, 0.3228
Android (android.graphics.Color)	4289581012 (0xFFADCFD4)
YUV	197.4040, 7.1958, -21.4023
Hunter-Lab	76.4664, -13.3214, -1.5763

Details

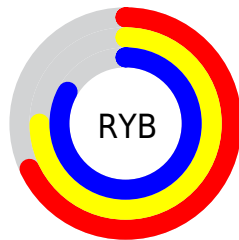
The CIELCh color **81, 11.933, 211.554** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **75, 13.508, 31.827**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 8.853, 198.921**, and **61, 11.976, 209.298** is the 20% darker color. If you saturate the color by 10%, you get **79, 17.798, 211.697**, and if you desaturate by 10%, it is **83, 5.596, 211.562**.

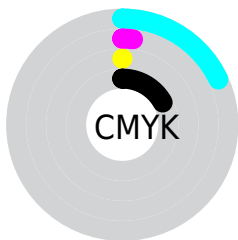
Distribution



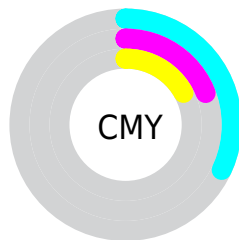
- Red (68%)
- Green (81%)
- Blue (83%)



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



- Cyan (18%)
- Magenta (2%)
- Yellow (0%)
- Black (17%)





- Cyan (32%)
- Magenta (19%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 11.933, 211.554 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 81, 11.933, 211.554 by changing the saturation by 10% instead.


 81, 11.933,
211.554


 81, 11.933,
211.554


 100, 11.933,
211.554


 71, 11.933,
211.554


 61, 11.933,
211.554

 51, 11.933,
211.554

 41, 11.933,
211.554

 31, 11.933,
211.554

 21, 11.933,
211.554

 11, 11.933,

211.554

■ 1, 11.933, 211.554

■ 0, 11.933, 211.554

■ 81, 11.933,
211.554

■ 81, 11.933,
211.554

■ 79, 17.798,
211.697

■ 83, 5.596, 211.562

■ 77, 23.082,
212.017

■ 85, 1.113, 30.997

■ 88, 8.103, 31.584

■ 75, 27.675,
212.540

■ 90, 14.083, 32.736

■ 74, 31.479,
213.311

■ 91, 13.497, 39.346

■ 91, 13.108, 46.447

■ 73, 34.422,

214.378

92, 12.934, 53.852

71, 36.474,
215.798

93, 12.983, 61.317

70, 37.666,
217.622

93, 13.251, 68.591

69, 38.143,
219.862

69, 38.199,
220.242

Harmonies

Complementary

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



81, 11.933, 211.554



75, 13.508, 31.827

Rectangle

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



81, 11.933, 211.554



81, 11.933, 261.554



81, 11.933, 31.554



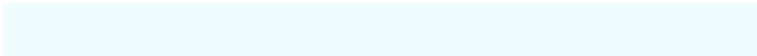
81, 11.933, 81.554

Sweetspot

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



81, 11.933, 211.546



98, 4.680, 211.606



81, 23.330, 146.577



52, 3.099, 211.590



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



81, 11.933, 211.546



94, 16.371, 211.586



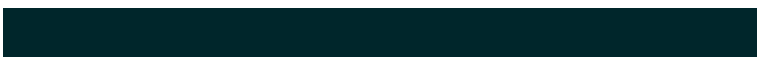
76, 13.801, 269.564



44, 3.810, 211.549



57, 32.516, 219.838



13, 12.926, 215.033

Inverse Universe

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



75, 23.190, 329.218



86, 32.242, 329.455



80, 14.016, 84.546



42, 7.185, 328.670



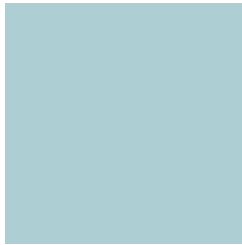
39, 77.474, 334.053



6, 30.000, 332.700

Previews

White Background



This preview shows how the CIELCh color 81, 11.933, 211.554 looks on a white background.

Color Contrast Check

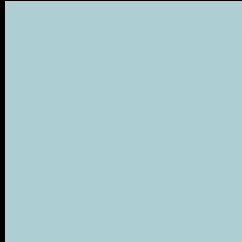
Large Text (above 18pt) WCAG AA × Fail

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 81, 11.933, 211.554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

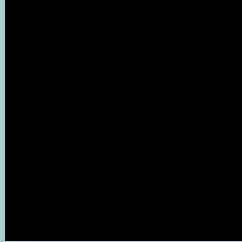
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

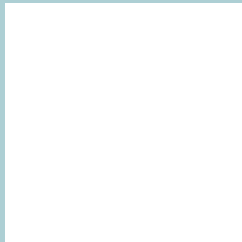
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 11.933, 211.554

Background



This preview shows how black text looks on a background with the CIELCh color 81, 11.933, 211.554.



This preview shows how white text looks on a background with the CIELCh color 81, 11.933, 211.554.

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](#).

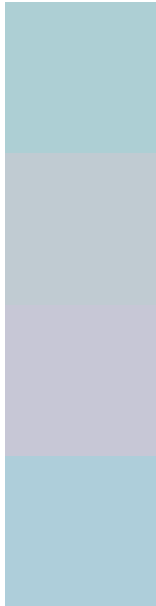
Dichromacy





Tritanopia
81, 13.276, 238.843

Trichromacy



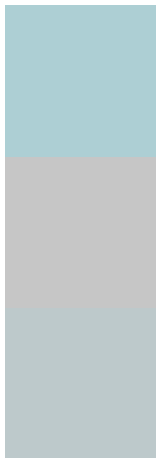
Original Color
81, 11.933, 211.554

Protanomaly
81, 5.336, 243.550

Deuteranomaly
81, 7.986, 290.893

Tritanomaly
81, 12.450, 229.719

Monochromacy



Original Color
81, 11.933, 211.554

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 4.413, 213.202

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 11.933, 211.554 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(173, 207, 212)` looks like.

```
.text, #text, p{  
    color:rgb(173, 207, 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(173, 207, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 207, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 11.933, 211.554 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(173, 207, 212) }
```

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

```
.border{ border-color:rgb(173, 207, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 207, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 207, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 207, 212);  
box-shadow:4px 4px 4px 4px rgb(173, 207,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 11.933, 211.554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 207, 212) }
```

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

```
.background{ background-color: rgb(173,  
207, 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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