

Converting Colors

CIELCh(76, 16.641, 212.668)

Have a look what the booklet for
CIELCh(76, 16.641, 212.668)
contains.

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Color

CIELCh(76, 16.780, 211.305)

Conversions

Conversions Part 1

Format	Color
Hex	93C4CB
RGB	147, 196, 203
RGB Percent	58%, 77%, 80%
CMY	0.4242, 0.2321, 0.2046
CMYK	0.28, 0.03, 0.00, 0.20
HSL	187°, 35%, 69%
HSV	187°, 28%, 80%
XYZ	42.4571, 49.8872, 63.7772
YIQ	182.1470, -31.4510, -8.2110

Conversions

Conversions Part 2

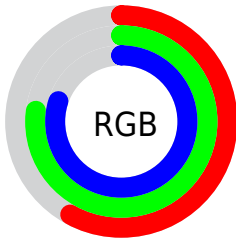
Format	Color
RYB	147, 173, 203
Decimal	9684171
CIELab	76.00, -14.34, -8.72
CIELCh	76, 16.780, 211.305
Yxy	49.8872, 0.2719, 0.3195
Android (android.graphics.Color)	4287874251 (0xFF93C4CB)
YUV	182.1470, 10.2805, -30.8239
Hunter-Lab	70.6309, -16.3055, -4.0951

Details

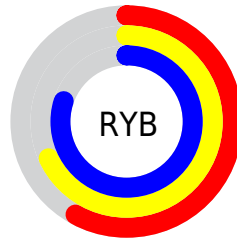
The CIELCh color **76, 16.780, 211.305** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **68, 20.369, 31.921**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 16.827, 201.906**, and **56, 16.831, 211.816** is the 20% darker color. If you saturate the color by 10%, you get **74, 21.934, 211.583**, and if you desaturate by 10%, it is **78, 11.074, 211.181**.

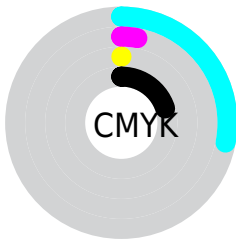
Distribution



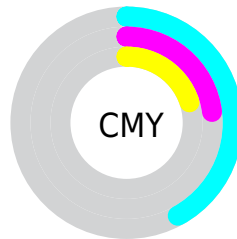
- Red (58%)
- Green (77%)
- Blue (80%)



- Red (58%)
- Yellow (68%)
- Blue (80%)



- Cyan (28%)
- Magenta (3%)
- Yellow (0%)
- Black (20%)





- Cyan (42%)
- Magenta (23%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 16.780, 211.305 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 76, 16.780, 211.305 by changing the saturation by 10% instead.


 76, 16.780,
211.305


 76, 16.780,
211.305


 100, 16.780,
211.305


 66, 16.780,
211.305


 96, 16.780,
211.305

 56, 16.780,
211.305

 46, 16.780,
211.305

 36, 16.780,
211.305

 26, 16.780,
211.305

 16, 16.780,
211.305

 6, 16.780, 211.305

■ 0, 16.780, 211.305

■ 76, 16.780,
211.305

■ 76, 16.780,
211.305

■ 74, 21.934,
211.583

■ 78, 11.074,
211.181

■ 73, 26.431,
212.060

■ 80, 4.922, 211.229

■ 71, 30.176,
212.773

■ 82, 1.582, 30.841

■ 84, 8.351, 31.283

■ 70, 33.094,
213.771

■ 87, 15.313, 31.523

■ 69, 35.154,
215.105

■ 88, 17.247, 34.770

■ 89, 16.722, 39.789

■ 68, 36.378,
216.826

■ 89, 16.336, 45.087

■ 67, 36.886,
218.956

■ 90, 16.099, 50.588

■ 66, 36.969,
219.491

Harmonies

Complementary

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



76, 16.780, 211.305



68, 20.369, 31.921

Rectangle

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



76, 16.780, 211.305



76, 16.780, 261.305



76, 16.780, 31.305



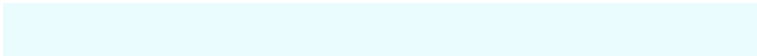
76, 16.780, 81.305

Sweetspot

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



76, 16.780, 211.300



98, 6.224, 211.220



77, 33.799, 145.821



52, 4.406, 211.200



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



76, 16.780, 211.300



92, 23.601, 211.444



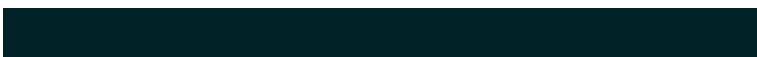
68, 20.059, 271.180



42, 3.670, 211.203



55, 31.848, 219.115



11, 12.050, 213.866

Inverse Universe

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



68, 33.661, 329.675



80, 48.328, 330.030



75, 20.554, 83.329



40, 6.917, 328.566



38, 75.963, 333.873



5, 26.238, 332.020

Previews

White Background



This preview shows how the CIELCh color 76, 16.780, 211.305 looks on a white background.

Color Contrast Check

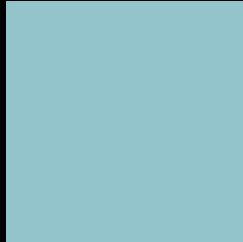
Large Text (above 18pt) WCAG AA × Fail

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 76, 16.780, 211.305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

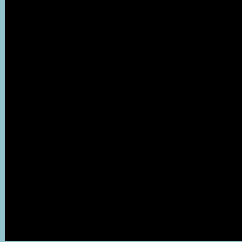
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

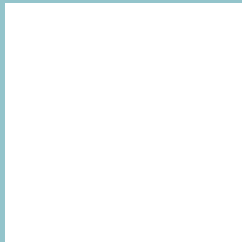
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 16.780, 211.305

Background



This preview shows how black text looks on a background with the CIELCh color 76, 16.780, 211.305.

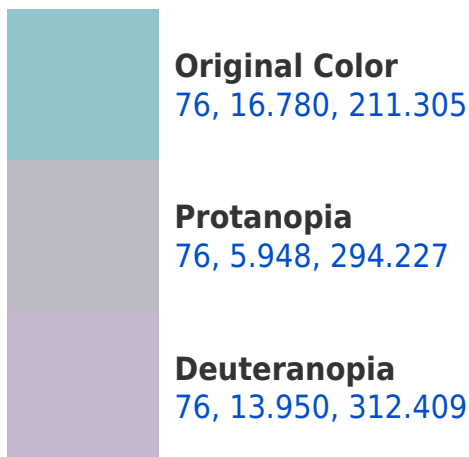


This preview shows how white text looks on a background with the CIELCh color 76, 16.780, 211.305.

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
76, 17.262, 226.473

Trichromacy



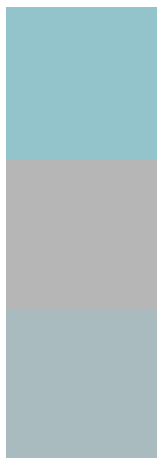
Original Color
76, 16.780, 211.305

Protanomaly
76, 7.901, 237.016

Deuteranomaly
76, 10.134, 272.914

Tritanomaly
76, 16.740, 221.205

Monochromacy



Original Color
76, 16.780, 211.305

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 6.630, 213.181

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 16.780, 211.305 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(147, 196, 203)` looks like.

```
.text, #text, p{  
    color:rgb(147, 196, 203)  
}
```

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(147, 196, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 196, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 16.780, 211.305 is called "border". The border property can be set on classes, ids or directly on the HTML element.

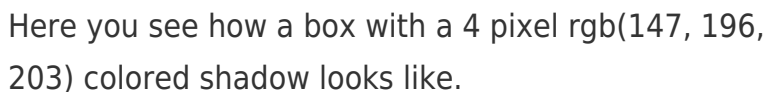
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(147, 196, 203) }
```

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

```
.border{ border-color:rgb(147, 196, 203) }
```

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



Here you see how a box with a 4 pixel `rgb(147, 196, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 196, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 196, 203);  
box-shadow:4px 4px 4px 4px rgb(147, 196,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 16.780, 211.305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 196, 203) }
```

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

```
.background{ background-color: rgb(147,  
196, 203) }
```

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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