

Converting Colors

CIELCh(76, 17.811, 215.095)

Have a look what the booklet for
CIELCh(76, 17.811, 215.095)
contains.

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Color

CIELCh(76, 17.894, 215.847)

Conversions

Conversions Part 1

Format	Color
Hex	90C4CE
RGB	144, 196, 206
RGB Percent	56%, 77%, 81%
CMY	0.4351, 0.2312, 0.1920
CMYK	0.30, 0.05, 0.00, 0.19
HSL	190°, 39%, 69%
HSV	190°, 30%, 81%
XYZ	42.4013, 49.8872, 65.8112
YIQ	181.5920, -34.2020, -7.9140

Conversions

Conversions Part 2

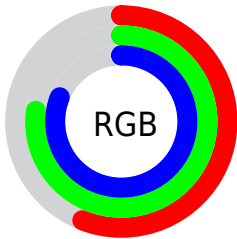
Format	Color
RYB	144, 172, 206
Decimal	9487566
CIELab	76.00, -14.50, -10.48
CIELCh	76, 17.894, 215.847
Yxy	49.8872, 0.2682, 0.3155
Android (android.graphics.Color)	4287677646 (0xFF90C4CE)
YUV	181.5920, 12.0331, -32.9682
Hunter-Lab	70.6309, -16.4465, -5.8025

Details

The CIELCh color **76, 17.894, 215.847** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **68, 22.126, 35.428**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 17.745, 201.667**, and **56, 17.897, 216.726** is the 20% darker color. If you saturate the color by 10%, you get **74, 22.854, 216.427**, and if you desaturate by 10%, it is **78, 12.375, 215.466**.

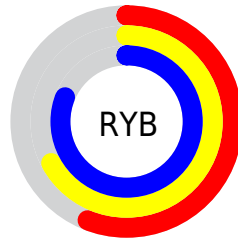
Distribution



Red (56%)

Green (77%)

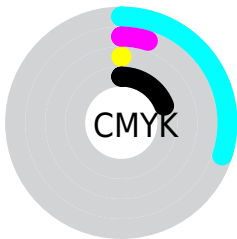
Blue (81%)



Red (56%)

Yellow (67%)

Blue (81%)

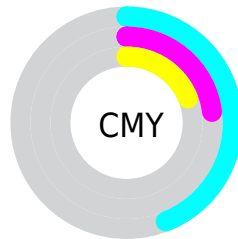


Cyan (30%)

Magenta (5%)

Yellow (0%)

Black (19%)



Cyan (44%)

Magenta (23%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 17.894, 215.847 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, 17.894, 215.847 by changing the saturation by 10% instead.

■ 76, 17.894,
215.847

■ 76, 17.894,
215.847

■ 100, 17.894,
215.847

■ 66, 17.894,
215.847

■ 96, 17.894,
215.847

■ 56, 17.894,
215.847

■ 46, 17.894,
215.847

■ 36, 17.894,
215.847

■ 26, 17.894,
215.847

■ 16, 17.894,
215.847

■ 6, 17.894, 215.847

0, 17.894, 215.847

76, 17.894,
215.847

76, 17.894,
215.847

74, 22.854,
216.427

78, 12.375,
215.466

72, 27.153,
217.267

80, 6.400, 215.277

70, 30.705,
218.418

83, 0.062, 224.216

85, 6.556, 34.986

69, 33.447,
219.949

88, 13.379, 35.092

68, 35.364,
221.928

89, 15.633, 39.481

90, 15.160, 46.972

66, 36.506,
224.421

91, 14.965, 54.792

■ 65, 37.075,
227.359

■ 92, 15.057, 62.654

Harmonies

Complementary

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



76, 17.894, 215.847



68, 22.126, 35.428

Rectangle

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



76, 17.894, 215.847



76, 17.894, 265.847



76, 17.894, 35.847



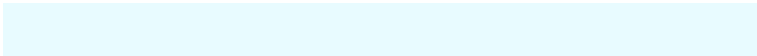
76, 17.894, 85.847

Sweetspot

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



76, 17.894, 215.843



97, 6.803, 215.271



78, 36.415, 146.620



52, 4.709, 215.282



0, 0.000, 0.000



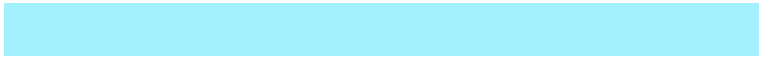
53, 0.007, 296.813

Same Dimension

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



76, 17.894, 215.843



91, 24.798, 216.187



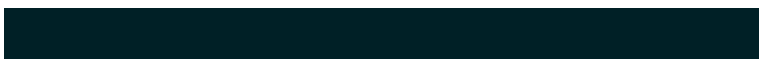
68, 23.081, 274.453



42, 3.575, 215.273



53, 31.539, 226.820



10, 11.839, 219.744

Inverse Universe

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



67, 36.217, 331.062



78, 51.312, 331.472



76, 23.383, 85.876



40, 6.743, 329.749



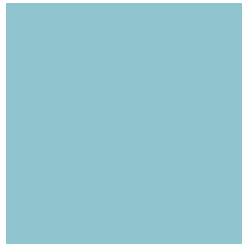
38, 73.881, 335.816



5, 25.461, 333.578

Previews

White Background



This preview shows how the CIELCh color 76, 17.894, 215.847 looks on a white background.

Color Contrast Check

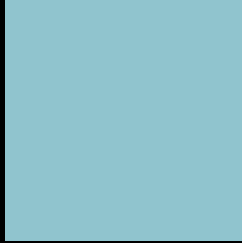
Large Text (above 18pt) WCAG AA × Fail

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, 17.894, 215.847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

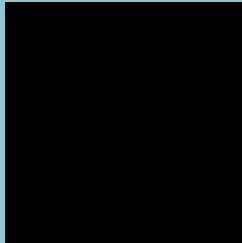
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

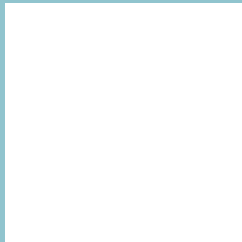
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 17.894, 215.847

Background



This preview shows how black text looks on a background with the CIELCh color 76, 17.894, 215.847.

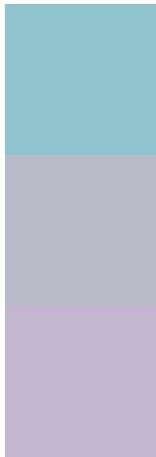


This preview shows how white text looks on a background with the CIELCh color 76, 17.894, 215.847.

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
76, 17.894, 215.847

Protanopia
76, 7.548, 290.889

Deuteranopia
76, 15.246, 307.723



Tritanopia
76, 18.245, 226.721

Trichromacy



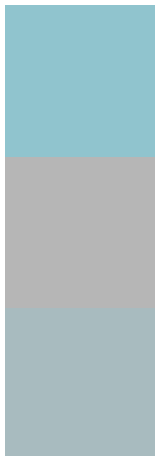
Original Color
76, 17.894, 215.847

Protanomaly
76, 9.156, 244.123

Deuteranomaly
76, 11.858, 272.416

Tritanomaly
76, 17.882, 223.426

Monochromacy



Original Color
76, 17.894, 215.847

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 7.086, 216.781

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 17.894, 215.847 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(144, 196, 206)` looks like.

```
.text, #text, p{  
    color:rgb(144, 196, 206)  
}
```

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(144, 196, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 196, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 17.894, 215.847 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(144, 196, 206) }
```

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

```
.border{ border-color:rgb(144, 196, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 196, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 196, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 196, 206);  
box-shadow:4px 4px 4px 4px rgb(144, 196,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 17.894, 215.847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 196, 206) }
```

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

```
.background{ background-color: rgb(144,  
196, 206) }
```

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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