

Converting Colors

CIELCh(76, 10.930, 193.176)

Have a look what the booklet for
CIELCh(76, 10.930, 193.176)
contains.

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Color

CIELCh(76, 10.664, 195.717)

Conversions

Conversions Part 1

Format	Color
Hex	A3C1C0
RGB	163, 193, 192
RGB Percent	64%, 76%, 75%
CMY	0.3598, 0.2421, 0.2460
CMYK	0.16, 0.00, 0.01, 0.24
HSL	178°, 20%, 70%
HSV	178°, 16%, 76%
XYZ	43.8285, 49.8872, 57.3408
YIQ	183.9160, -17.5590, -6.6710

Conversions

Conversions Part 2

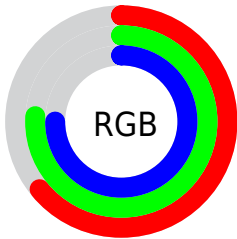
Format	Color
RYB	163, 178, 193
Decimal	10731968
CIELab	76.00, -10.27, -2.89
CIELCh	76, 10.664, 195.717
Yxy	49.8872, 0.2901, 0.3303
Android (android.graphics.Color)	4288922048 (0xFFA3C1C0)
YUV	183.9160, 3.9854, -18.3433
Hunter-Lab	70.6309, -12.8397, 1.3078

Details

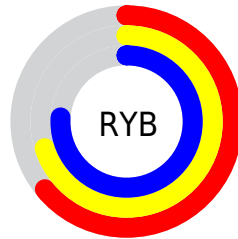
The CIELCh color `76, 10.664, 195.717` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `70, 11.708, 17.760`, and the grayscale version is `75, 0.009, 296.813`.

A 20% lighter version of the original color is `96, 10.582, 195.997`, and `56, 10.393, 198.421` is the 20% darker color. If you saturate the color by 10%, you get `75, 17.015, 195.098`, and if you desaturate by 10%, it is `77, 3.888, 196.413`.

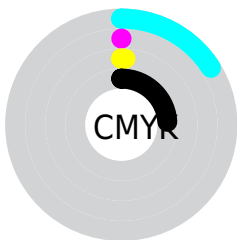
Distribution



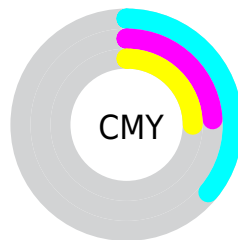
- Red (64%)
- Green (76%)
- Blue (75%)



- Red (64%)
- Yellow (70%)
- Blue (76%)



- Cyan (16%)
- Magenta (0%)
- Yellow (1%)
- Black (24%)



- Cyan (36%)
- Magenta (24%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 10.664, 195.717 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, 10.664, 195.717 by changing the saturation by 10% instead.

■ 76, 10.664,
195.717

■ 76, 10.664,
195.717

■ 100, 10.664,
195.717

■ 66, 10.664,
195.717

■ 96, 10.664,
195.717

■ 56, 10.664,
195.717

■ 46, 10.664,
195.717

■ 36, 10.664,
195.717

■ 26, 10.664,
195.717

■ 16, 10.664,
195.717

■ 6, 10.664, 195.717

0, 10.664, 195.717

76, 10.664,
195.717

76, 10.664,
195.717

75, 17.015,
195.098

77, 3.888, 196.413

79, 3.210, 16.744

74, 22.823,
194.523

81, 10.532, 17.508

73, 27.975,
193.979

82, 17.999, 18.187

72, 32.369,
193.465

84, 23.625, 18.483

84, 23.612, 17.668

72, 35.928,
192.976

84, 23.603, 16.853

71, 38.612,
192.504

84, 23.600, 16.038

■ 71, 40.430,
192.042

■ 84, 23.601, 15.222

■ 71, 41.457,
191.577

■ 71, 41.779,
191.369

Harmonies

Complementary

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



76, 10.664, 195.717



70, 11.708, 17.760

Rectangle

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



76, 10.664, 195.717



76, 10.664, 245.717



76, 10.664, 15.717



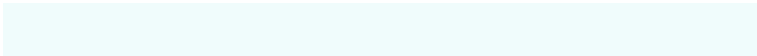
76, 10.664, 65.717

Sweetspot

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



76, 10.665, 195.709



98, 4.373, 196.452



75, 19.462, 142.220



53, 3.004, 196.389



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, 10.665, 195.709



96, 16.041, 195.473



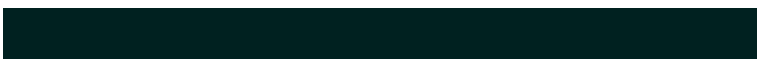
72, 9.254, 251.862



40, 3.963, 196.118



60, 36.417, 191.435



11, 12.677, 192.597

Inverse Universe

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



70, 11.708, 17.760



86, 18.046, 18.125



73, 9.748, 68.017



38, 4.188, 17.213



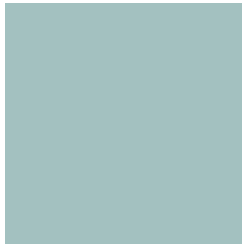
33, 72.413, 38.366



3, 14.013, 17.577

Previews

White Background



This preview shows how the CIELCh color 76, 10.664, 195.717 looks on a white background.

Color Contrast Check

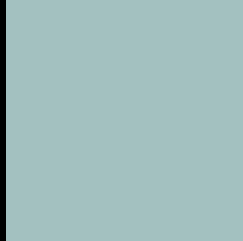
Large Text (above 18pt) WCAG AA × Fail

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 76, 10.664, 195.717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

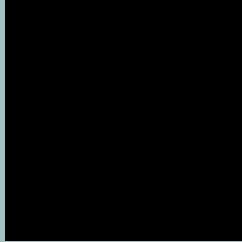
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

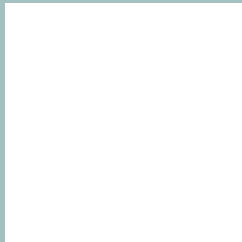
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 10.664, 195.717

Background



This preview shows how black text looks on a background with the CIELCh color 76, 10.664, 195.717.

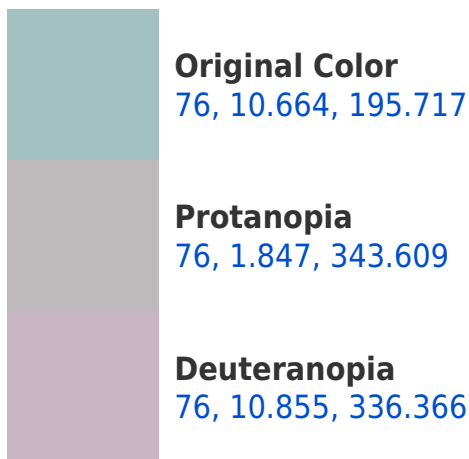


This preview shows how white text looks on a background with the CIELCh color 76, 10.664, 195.717.

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, 11.631, 243.122

Trichromacy



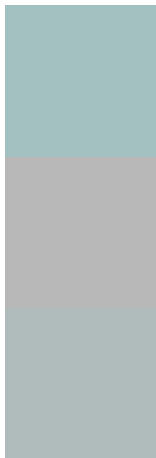
Original Color
76, 10.664, 195.717

Protanomaly
76, 3.314, 208.667

Deuteranomaly
76, 4.995, 303.287

Tritanomaly
76, 10.454, 226.535

Monochromacy



Original Color
76, 10.664, 195.717

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 4.014, 199.215

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 10.664, 195.717 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(163, 193, 192)` looks like.

```
.text, #text, p{  
    color:rgb(163, 193, 192)  
}
```

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(163, 193, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 193, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 10.664, 195.717 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(163, 193, 192) }
```

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

```
.border{ border-color:rgb(163, 193, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 193, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 193, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 193, 192);  
box-shadow:4px 4px 4px 4px rgb(163, 193,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 10.664, 195.717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 193, 192) }
```

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

```
.background{ background-color: rgb(163,  
193, 192) }
```

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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