

Converting Colors

CIELCh(76, 9.548, 189.224)

Have a look what the booklet for
CIELCh(76, 9.548, 189.224) contains.

CIELCh(76, 9.489, 188.890)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(76, 9.489, 188.890)

Conversions

Conversions Part 1

Format	Color
Hex	A7C1BE
RGB	167, 193, 190
RGB Percent	65%, 76%, 75%
CMY	0.3463, 0.2444, 0.2561
CMYK	0.13, 0.00, 0.02, 0.24
HSL	173°, 17%, 70%
HSV	173°, 13%, 76%
XYZ	44.1323, 49.8872, 55.8392
YIQ	184.8840, -14.5330, -6.4450

Conversions

Conversions Part 2

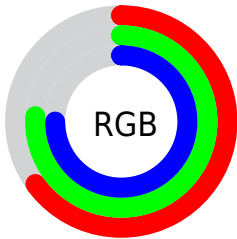
Format	Color
RYB	167, 181, 193
Decimal	10994110
CIELab	76.00, -9.38, -1.47
CIElCh	76, 9.489, 188.890
Yxy	49.8872, 0.2945, 0.3329
Android (android.graphics.Color)	4289184190 (0xFFA7C1BE)
YUV	184.8840, 2.5222, -15.6843
Hunter-Lab	70.6309, -12.0721, 2.5683

Details

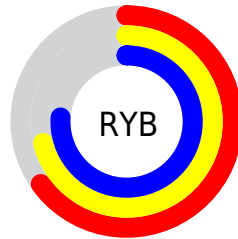
The CIELCh color **76, 9.489, 188.890** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **71, 10.147, 11.040**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 9.426, 189.451**, and **56, 9.142, 191.316** is the 20% darker color. If you saturate the color by 10%, you get **75, 16.146, 188.049**, and if you desaturate by 10%, it is **77, 2.498, 189.828**.

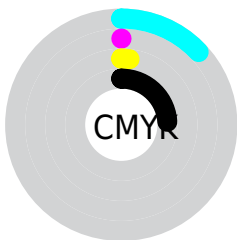
Distribution



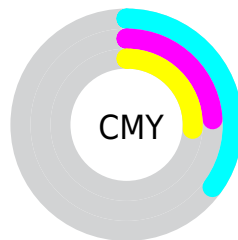
- Red (65%)
- Green (76%)
- Blue (75%)



- Red (65%)
- Yellow (71%)
- Blue (76%)



- Cyan (13%)
- Magenta (0%)
- Yellow (2%)
- Black (24%)



- Cyan (35%)
- Magenta (24%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 9.489, 188.890 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, 9.489, 188.890 by changing the saturation by 10% instead.

■ 76, 9.489, 188.890

■ 76, 9.489, 188.890

■ 100, 9.489,
188.890

■ 66, 9.489, 188.890

■ 96, 9.489, 188.890

■ 56, 9.489, 188.890

■ 46, 9.489, 188.890

■ 36, 9.489, 188.890

■ 26, 9.489, 188.890

■ 16, 9.489, 188.890

■ 6, 9.489, 188.890

■ 0, 9.489, 188.890

■ 76, 9.489, 188.890

■ 76, 9.489, 188.890

75, 16.146,
188.049

77, 2.498, 189.828

74, 22.352,
187.208

79, 4.728, 10.291

73, 27.988,
186.342

81, 12.098, 11.125

72, 32.941,
185.439

84, 23.923, 11.178

71, 37.115,
184.484

84, 24.053, 8.432

71, 40.448,
183.458

84, 24.241, 5.724

70, 42.925,
182.342

84, 24.487, 3.065

70, 44.597,
181.120

84, 24.787, 0.468

70, 45.398,

Harmonies

Complementary

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



76, 9.489, 188.890



71, 10.147, 11.040

Rectangle

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



76, 9.489, 188.890



76, 9.489, 238.890



76, 9.489, 8.890



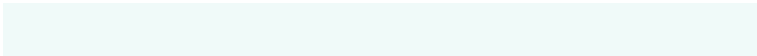
76, 9.489, 58.890

Sweetspot

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



76, 9.490, 188.882



97, 3.532, 189.754



76, 16.495, 140.557



52, 2.507, 189.667



99, 0.012, 296.813



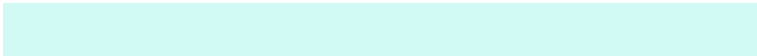
52, 0.007, 296.813

Same Dimension

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



76, 9.490, 188.882



95, 13.821, 188.651



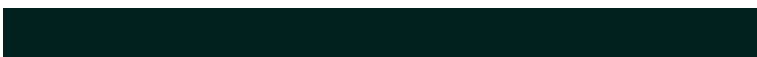
73, 7.757, 243.410



40, 4.038, 189.234



59, 39.605, 180.478



10, 13.404, 183.941

Inverse Universe

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



71, 10.147, 11.040



88, 14.992, 11.331



73, 8.227, 60.527



38, 4.229, 10.621



33, 69.129, 34.494



3, 14.105, 13.123

Previews

White Background



This preview shows how the CIELCh color 76, 9.489, 188.890 looks on a white background.

Color Contrast Check

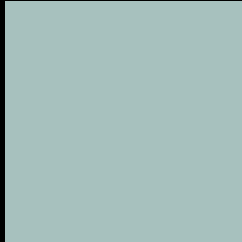
Large Text (above 18pt) WCAG AA × Fail

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, 9.489, 188.890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

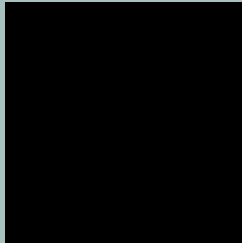
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

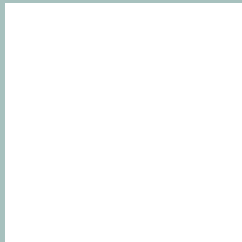
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 9.489, 188.890

Background



This preview shows how black text looks on a background with the CIELCh color 76, 9.489, 188.890.

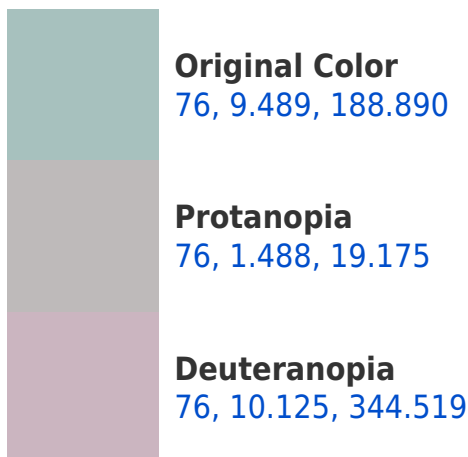


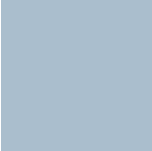
This preview shows how white text looks on a background with the CIELCh color 76, 9.489, 188.890.

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](#).

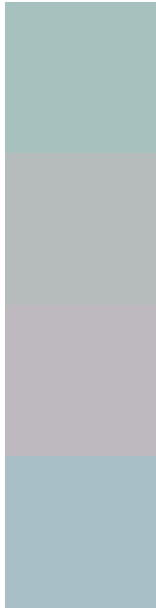
Dichromacy





Tritanopia
76, 10.508, 249.522

Trichromacy



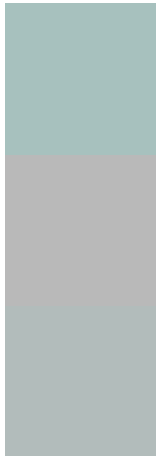
Original Color
76, 9.489, 188.890

Protanomaly
76, 2.276, 185.773

Deuteranomaly
76, 3.747, 319.883

Tritanomaly
76, 8.761, 228.486

Monochromacy



Original Color
76, 9.489, 188.890

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 3.706, 190.881

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 9.489, 188.890 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(167, 193, 190)` looks like.

```
.text, #text, p{  
    color:rgb(167, 193, 190)  
}
```

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(167, 193, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 193, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 9.489, 188.890 is called "border". The border property can be set on classes, ids or directly on the HTML element.

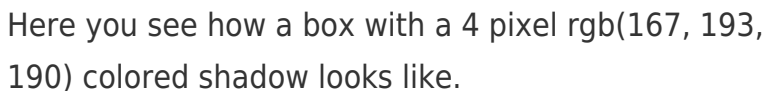
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 193, 190) }
```

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

```
.border{ border-color:rgb(167, 193, 190) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 193, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 193, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 193, 190); box-shadow:4px 4px 4px 4px rgb(167, 193, 190) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 9.489, 188.890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 193, 190) }
```

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

```
.background{ background-color: rgb(167,  
193, 190) }
```

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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