

Converting Colors

CIELCh(76, 14.308, 215.871)

Have a look what the booklet for
CIELCh(76, 14.308, 215.871)
contains.

CIELCh(76, 14.182, 216.248)	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, 14.182, 216.248)

Conversions

Conversions Part 1

Format	Color
Hex	9AC2CA
RGB	154, 194, 202
RGB Percent	60%, 76%, 79%
CMY	0.3950, 0.2381, 0.2067
CMYK	0.24, 0.04, 0.00, 0.21
HSL	190°, 31%, 70%
HSV	190°, 24%, 79%
XYZ	43.4308, 49.8872, 63.3969
YIQ	182.9520, -26.4080, -5.9920

Conversions

Conversions Part 2

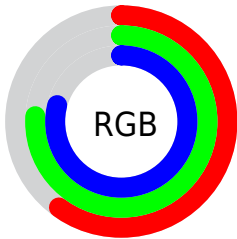
Format	Color
RYB	154, 176, 202
Decimal	10142410
CIELab	76.00, -11.44, -8.39
CIElCh	76, 14.182, 216.248
Yxy	49.8872, 0.2771, 0.3183
Android (android.graphics.Color)	4288332490 (0xFF9AC2CA)
YUV	182.9520, 9.3907, -25.3909
Hunter-Lab	70.6309, -13.8448, -3.7759

Details

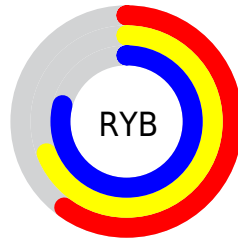
The CIELCh color **76, 14.182, 216.248** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **70, 16.675, 35.767**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 14.071, 207.005**, and **56, 13.997, 217.473** is the 20% darker color. If you saturate the color by 10%, you get **74, 19.418, 216.723**, and if you desaturate by 10%, it is **78, 8.465, 215.954**.

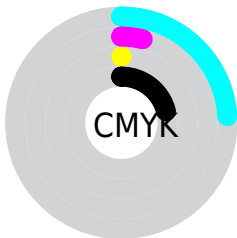
Distribution



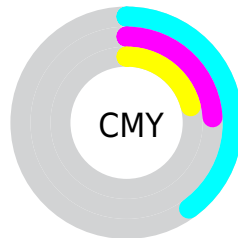
- Red (60%)
- Green (76%)
- Blue (79%)



- Red (60%)
- Yellow (69%)
- Blue (79%)



- Cyan (24%)
- Magenta (4%)
- Yellow (0%)
- Black (21%)





- Cyan (40%)
- Magenta (24%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 14.182, 216.248 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, 14.182, 216.248 by changing the saturation by 10% instead.

 76, 14.182,
216.248

 76, 14.182,
216.248


 100, 14.182,
216.248

 66, 14.182,
216.248


 96, 14.182,
216.248

 56, 14.182,
216.248

 46, 14.182,
216.248

 36, 14.182,
216.248

 26, 14.182,
216.248

 16, 14.182,
216.248

 6, 14.182, 216.248

0, 14.182, 216.248

76, 14.182,
216.248

76, 14.182,
216.248

74, 19.418,
216.723

78, 8.465, 215.954

72, 24.072,
217.434

81, 2.361, 215.949

83, 4.044, 35.510

70, 28.048,
218.426

85, 10.675, 35.613

69, 31.270,
219.763

88, 17.309, 35.848

89, 16.678, 42.596

67, 33.690,
221.515

90, 16.301, 49.759

66, 35.317,
223.755

90, 16.192, 57.130

■ 64, 36.225,
226.540

■ 91, 16.357, 64.464

■ 64, 36.574,
228.494

Harmonies

Complementary

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



76, 14.182, 216.248



70, 16.675, 35.767

Rectangle

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



76, 14.182, 216.248



76, 14.182, 266.248



76, 14.182, 36.248



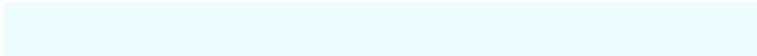
76, 14.182, 86.248

Sweetspot

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



76, 14.182, 216.242



98, 5.300, 215.884



77, 28.315, 147.185



52, 3.438, 215.884



0, 0.000, 0.000



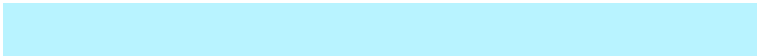
53, 0.007, 296.813

Same Dimension

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



76, 14.182, 216.242



92, 19.862, 216.440



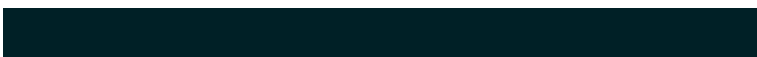
70, 17.855, 273.273



42, 3.562, 215.892



53, 31.538, 227.979



10, 11.817, 220.635

Inverse Universe

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



69, 28.064, 330.839



83, 39.939, 331.138



76, 18.038, 86.729



40, 6.718, 329.929



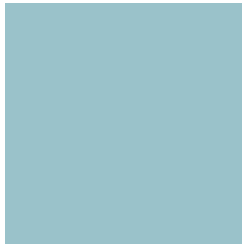
38, 73.581, 336.116



5, 25.348, 333.818

Previews

White Background



This preview shows how the CIELCh color 76, 14.182, 216.248 looks on a white background.

Color Contrast Check

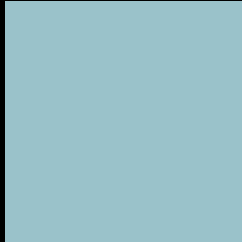
Large Text (above 18pt) WCAG AA × Fail

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, 14.182, 216.248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

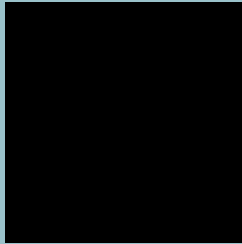
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

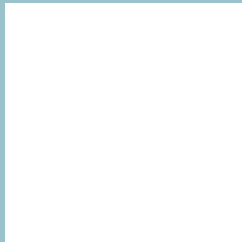
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 14.182, 216.248

Background



This preview shows how black text looks on a background with the CIELCh color 76, 14.182, 216.248.

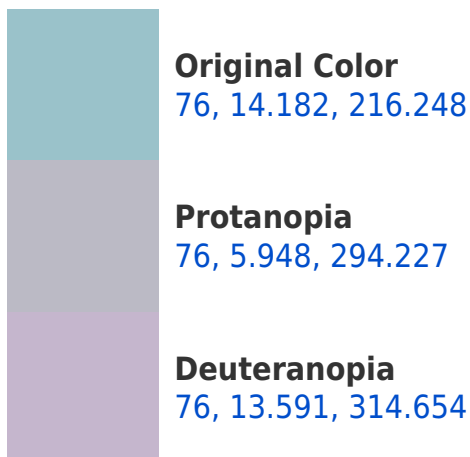


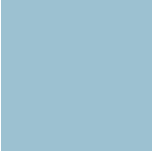
This preview shows how white text looks on a background with the CIELCh color 76, 14.182, 216.248.

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, 14.896, 234.188

Trichromacy



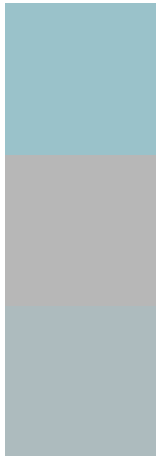
Original Color
76, 14.182, 216.248

Protanomaly
76, 7.242, 247.380

Deuteranomaly
76, 9.830, 280.736

Tritanomaly
76, 14.659, 229.729

Monochromacy



Original Color
76, 14.182, 216.248

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 5.277, 217.034

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 14.182, 216.248 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(154, 194, 202)` looks like.

```
.text, #text, p{  
    color:rgb(154, 194, 202)  
}
```

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(154, 194, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 194, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 14.182, 216.248 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(154, 194, 202) }
```

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

```
.border{ border-color:rgb(154, 194, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 194, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 194, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 194, 202);  
box-shadow:4px 4px 4px 4px rgb(154, 194,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 14.182, 216.248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 194, 202) }
```

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

```
.background{ background-color: rgb(154,  
194, 202) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor