

Converting Colors

CIELCh(76, 18.384, 143.593)

Have a look what the booklet for
CIELCh(76, 18.384, 143.593)
contains.

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Color

CIELCh(76, 18.420, 143.580)

Conversions

Conversions Part 1

Format	Color
Hex	A7C3A7
RGB	167, 195, 167
RGB Percent	65%, 76%, 65%
CMY	0.3461, 0.2363, 0.3461
CMYK	0.14, 0.00, 0.14, 0.24
HSL	120°, 19%, 71%
HSV	120°, 14%, 76%
XYZ	42.2956, 49.8872, 43.8406
YIQ	183.4360, -7.7000, -14.6440

Conversions

Conversions Part 2

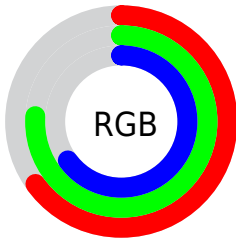
Format	Color
RYB	167, 195, 195
Decimal	10994599
CIELab	76.00, -14.82, 10.94
CIElCh	76, 18.420, 143.580
Yxy	49.8872, 0.3109, 0.3668
Android (android.graphics.Color)	4289184679 (0xFFA7C3A7)
YUV	183.4360, -8.1029, -14.4144
Hunter-Lab	70.6309, -16.7137, 12.6403

Details

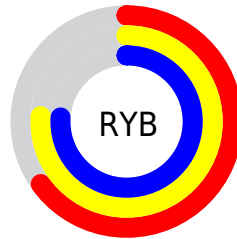
The CIELCh color **76, 18.420, 143.580** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **72, 18.441, 325.213**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 18.784, 143.735**, and **56, 18.183, 143.322** is the 20% darker color. If you saturate the color by 10%, you get **74, 31.308, 142.833**, and if you desaturate by 10%, it is **78, 5.567, 144.243**.

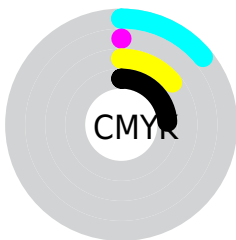
Distribution



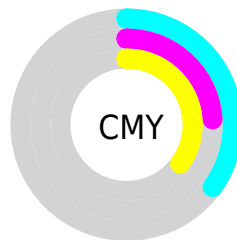
- Red (65%)
- Green (76%)
- Blue (65%)



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



- Cyan (14%)
- Magenta (0%)
- Yellow (14%)
- Black (24%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 18.420, 143.580 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, 18.420, 143.580 by changing the saturation by 10% instead.


 76, 18.420,
143.580


 76, 18.420,
143.580


 100, 18.420,
143.580


 66, 18.420,
143.580


 96, 18.420,
143.580

 56, 18.420,
143.580

 46, 18.420,
143.580

 36, 18.420,
143.580

 26, 18.420,
143.580

 16, 18.420,
143.580

 6, 18.420, 143.580

0, 18.420, 143.580

76, 18.420,
143.580

76, 18.420,
143.580

74, 31.308,
142.833

78, 5.567, 144.243

73, 44.018,
141.968

80, 7.107, 324.697

72, 56.277,
140.984

82, 19.498,
325.171

71, 67.737,
139.899

84, 31.541,
325.559

70, 77.971,
138.766

86, 37.786,
325.737

69, 86.485,
137.684

■ 69, 92.771,
136.791

■ 69, 96.484,
136.223

■ 69, 97.788,
136.016

Harmonies

Complementary

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



76, 18.420, 143.580



72, 18.441, 325.213

Rectangle

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



76, 18.420, 143.580



76, 18.420, 193.580



76, 18.420, 323.580



76, 18.420, 13.580

Sweetspot

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



76, 18.422, 143.580



98, 6.280, 144.265



78, 14.893, 108.798



53, 4.503, 144.213



0, 0.000, 0.000



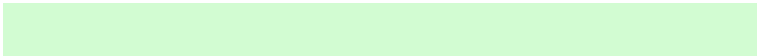
53, 0.007, 296.813

Same Dimension

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



76, 18.422, 143.580



95, 26.924, 143.376



76, 12.802, 162.458



40, 7.214, 143.917



57, 84.786, 136.017



10, 24.260, 144.097

Inverse Universe

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



72, 18.441, 325.213



89, 26.947, 325.372



71, 13.037, 344.844



38, 7.225, 324.932



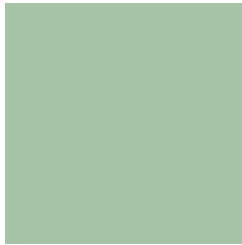
38, 81.802, 328.235



4, 24.212, 326.361

Previews

White Background



This preview shows how the CIELCh color 76, 18.420, 143.580 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, 18.420, 143.580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

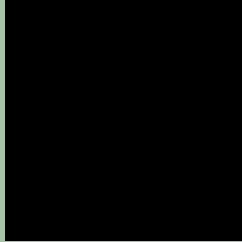
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

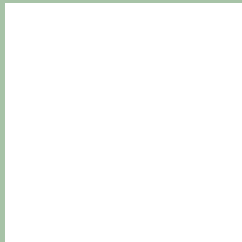
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 18.420, 143.580

Background



This preview shows how black text looks on a background with the CIELCh color 76, 18.420, 143.580.



This preview shows how white text looks on a background with the CIELCh color 76, 18.420, 143.580.

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, 18.420, 143.580

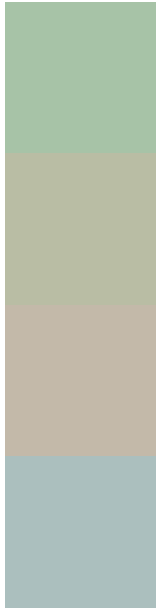
Protanopia
76, 12.934, 91.386

Deuteranopia
76, 13.293, 43.946



Tritanopia
76, 9.708, 255.734

Trichromacy



Original Color
76, 18.420, 143.580

Protanomaly
76, 13.484, 115.491

Deuteranomaly
76, 9.411, 85.092

Tritanomaly
76, 7.236, 194.628

Monochromacy



Original Color
76, 18.420, 143.580

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 6.589, 144.178

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 18.420, 143.580 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, 195, 167)` looks like.

```
.text, #text, p{  
    color:rgb(167, 195, 167)  
}
```

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, 195, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 195, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 18.420, 143.580 is called "border". The border property can be set on classes, ids or directly on the HTML element.

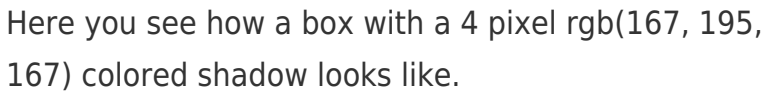
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 195, 167) }
```

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

```
.border{ border-color:rgb(167, 195, 167) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 195, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 195, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 195, 167); box-shadow:4px 4px 4px 4px rgb(167, 195, 167) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 18.420, 143.580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 195, 167) }
```

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

```
.background{ background-color: rgb(167,  
195, 167) }
```

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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