

Converting Colors

CIELCh(76, 19.104, 141.331)

Have a look what the booklet for
CIELCh(76, 19.104, 141.331)
contains.

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Color

CIELCh(76, 19.318, 141.791)

Conversions

Conversions Part 1

Format	Color
Hex	A7C3A5
RGB	167, 195, 165
RGB Percent	65%, 76%, 65%
CMY	0.3456, 0.2358, 0.3534
CMYK	0.14, 0.00, 0.15, 0.24
HSL	116°, 20%, 71%
HSV	116°, 15%, 76%
XYZ	42.1771, 49.8872, 42.9448
YIQ	183.2080, -7.0580, -15.2660

Conversions

Conversions Part 2

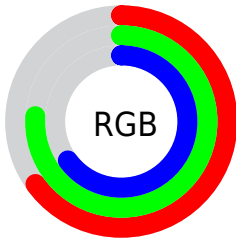
Format	Color
RYB	165, 195, 193
Decimal	10994597
CIELab	76.00, -15.18, 11.95
CIElCh	76, 19.318, 141.791
Yxy	49.8872, 0.3124, 0.3695
Android (android.graphics.Color)	4289184677 (0xFFA7C3A5)
YUV	183.2080, -8.9765, -14.2144
Hunter-Lab	70.6309, -17.0133, 13.3923

Details

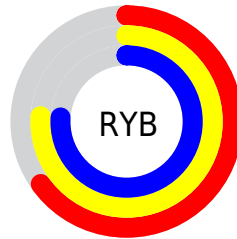
The CIELCh color **76, 19.318, 141.791** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **71, 19.376, 323.404**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 19.640, 142.058**, and **56, 19.137, 141.406** is the 20% darker color. If you saturate the color by 10%, you get **74, 31.934, 141.107**, and if you desaturate by 10%, it is **78, 6.726, 142.400**.

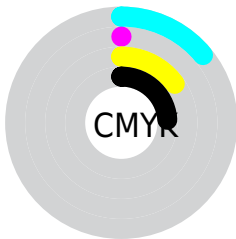
Distribution



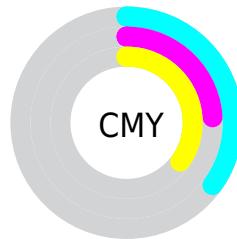
- Red (65%)
- Green (76%)
- Blue (65%)



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



- Cyan (14%)
- Magenta (0%)
- Yellow (15%)
- Black (24%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 19.318, 141.791 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, 19.318, 141.791 by changing the saturation by 10% instead.


 76, 19.318,
141.791


 76, 19.318,
141.791


 100, 19.318,
141.791


 66, 19.318,
141.791


 96, 19.318,
141.791

 56, 19.318,
141.791

 46, 19.318,
141.791

 36, 19.318,
141.791

 26, 19.318,
141.791

 16, 19.318,
141.791

 6, 19.318, 141.791

0, 19.318, 141.791

76, 19.318,
141.791

76, 19.318,
141.791

74, 31.934,
141.107

78, 6.726, 142.400

73, 44.380,
140.325

80, 5.711, 322.822

72, 56.406,
139.453

82, 17.898,
323.274

71, 67.685,
138.517

84, 29.772,
323.638

70, 77.804,
137.577

86, 37.708,
325.734

70, 86.269,
136.736

■ 69, 92.562,
136.126

■ 69, 96.333,
135.860

■ 69, 97.482,
135.753

Harmonies

Complementary

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



76, 19.318, 141.791



71, 19.376, 323.404

Rectangle

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



76, 19.318, 141.791



76, 19.318, 191.791



76, 19.318, 321.791



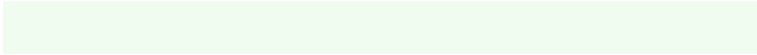
76, 19.318, 11.791

Sweetspot

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



76, 19.320, 141.792



98, 7.691, 142.419



78, 14.934, 105.801



53, 5.294, 142.375



0, 0.000, 0.000



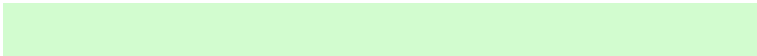
53, 0.007, 296.813

Same Dimension

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



76, 19.320, 141.792



95, 27.903, 141.603



76, 14.413, 159.002



40, 7.060, 142.163



57, 84.406, 135.689



10, 23.839, 142.838

Inverse Universe

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



71, 19.376, 323.404



88, 27.990, 323.551



71, 14.617, 341.429



38, 7.079, 323.093



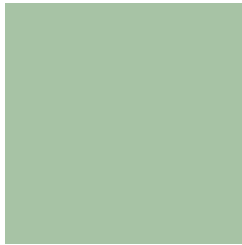
36, 82.115, 325.656



4, 23.393, 323.450

Previews

White Background



This preview shows how the CIELCh color 76, 19.318, 141.791 looks on a white background.

Color Contrast Check

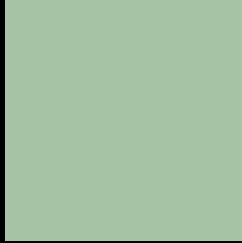
Large Text (above 18pt) WCAG AA × Fail

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, 19.318, 141.791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

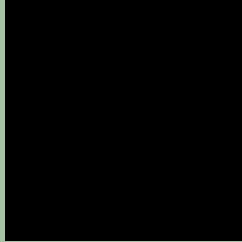
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

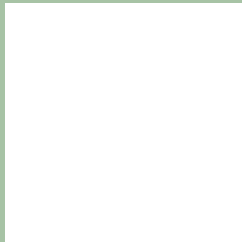
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 19.318, 141.791

Background



This preview shows how black text looks on a background with the CIELCh color 76, 19.318, 141.791.

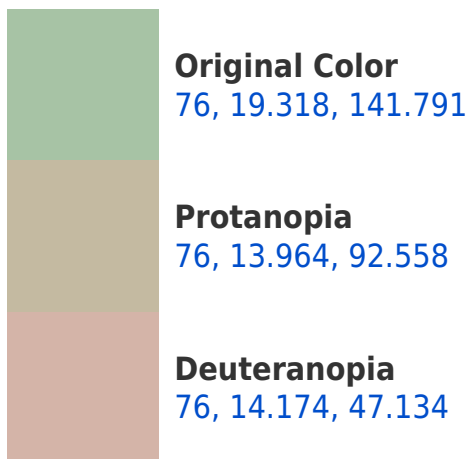



This preview shows how white text looks on a background with the CIELCh color 76, 19.318, 141.791.

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](#).

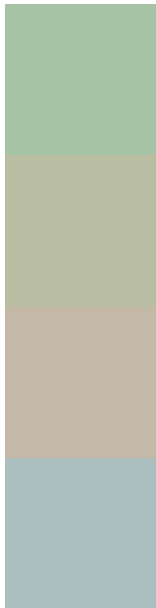
Dichromacy





Tritanopia
76, 9.708, 255.734

Trichromacy



Original Color
76, 19.318, 141.791

Protanomaly
76, 14.544, 114.931

Deuteranomaly
76, 10.559, 85.376

Tritanomaly
76, 7.236, 194.628

Monochromacy



Original Color
76, 19.318, 141.791

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 7.042, 141.705

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 19.318, 141.791 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, 165)` looks like.

```
.text, #text, p{  
    color:rgb(167, 195, 165)  
}
```

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, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 195, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 19.318, 141.791 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, 165) }
```

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

```
.border{ border-color:rgb(167, 195, 165) }
```

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, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 195, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 195, 165);  
box-shadow:4px 4px 4px 4px rgb(167, 195,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 19.318, 141.791 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, 165) }
```

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

```
.background{ background-color: rgb(167,  
195, 165) }
```

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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