

Converting Colors

CIELCh(76, 14.847, 164.005)

Have a look what the booklet for
CIELCh(76, 14.847, 164.005)
contains.

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Color

CIELCh(76, 14.911, 163.026)

Conversions

Conversions Part 1

Format	Color
Hex	A2C3B3
RGB	162, 195, 179
RGB Percent	64%, 76%, 70%
CMY	0.3652, 0.2358, 0.2985
CMYK	0.17, 0.00, 0.08, 0.24
HSL	151°, 22%, 70%
HSV	151°, 17%, 76%
XYZ	42.4823, 49.8872, 49.9683
YIQ	183.3090, -14.5320, -11.9720

Conversions

Conversions Part 2

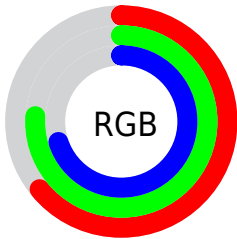
Format	Color
RYB	162, 184, 195
Decimal	10666931
CIELab	76.00, -14.26, 4.35
CIELCh	76, 14.911, 163.026
Yxy	49.8872, 0.2985, 0.3505
Android (android.graphics.Color)	4288857011 (0xFFA2C3B3)
YUV	183.3090, -2.1243, -18.6880
Hunter-Lab	70.6309, -16.2418, 7.4966

Details

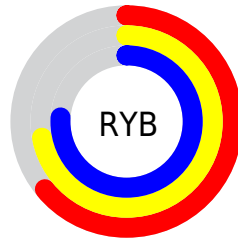
The CIELCh color **76, 14.911, 163.026** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **70, 15.256, 345.931**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 15.088, 163.248**, and **56, 14.836, 162.635** is the 20% darker color. If you saturate the color by 10%, you get **75, 23.605, 162.013**, and if you desaturate by 10%, it is **78, 6.108, 163.963**.

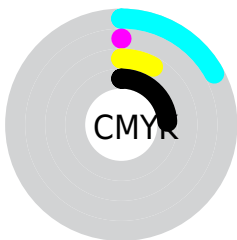
Distribution



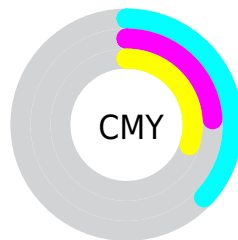
- Red (64%)
- Green (76%)
- Blue (70%)



- Red (64%)
- Yellow (72%)
- Blue (76%)



- Cyan (17%)
- Magenta (0%)
- Yellow (8%)
- Black (24%)





- Cyan (37%)
- Magenta (24%)
- Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 14.911, 163.026 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, 14.911, 163.026 by changing the saturation by 10% instead.

 76, 14.911,
163.026

 76, 14.911,
163.026


 100, 14.911,
163.026


 66, 14.911,
163.026


 96, 14.911,
163.026

 56, 14.911,
163.026

 46, 14.911,
163.026

 36, 14.911,
163.026

 26, 14.911,
163.026

 16, 14.911,
163.026

 6, 14.911, 163.026

■ 0, 14.911, 163.026

■ 76, 14.911,
163.026

■ 76, 14.911,
163.026

■ 75, 23.605,
162.013

■ 78, 6.108, 163.963

■ 73, 32.058,
160.888

■ 79, 2.703, 344.566

■ 72, 40.128,
159.623

■ 81, 11.436,
345.427

■ 71, 47.666,
158.192

■ 83, 20.028,
346.132

■ 71, 54.535,
156.572

■ 85, 27.176,
344.695

■ 70, 60.634,
154.745

■ 85, 30.179,
336.972

■ 85, 33.663,

■ 70, 65.914,
152.707

330.832

■ 69, 70.423,
150.490

■ 86, 37.485,
325.979

■ 69, 71.730,
149.825

■ 86, 37.712,
325.734

Harmonies

Complementary

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



76, 14.911, 163.026



70, 15.256, 345.931

Rectangle

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



76, 14.911, 163.026



76, 14.911, 213.026



76, 14.911, 343.026



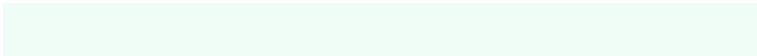
76, 14.911, 33.026

Sweetspot

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



76, 14.913, 163.024



98, 5.431, 164.145



77, 18.745, 128.313



53, 3.737, 164.073



0, 0.000, 0.000



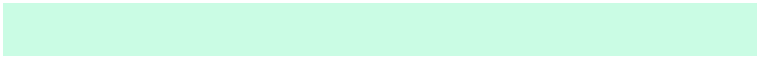
53, 0.007, 296.813

Same Dimension

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



76, 14.913, 163.024



95, 21.709, 162.693



76, 11.605, 198.558



40, 4.973, 163.735



58, 61.716, 150.183



10, 18.278, 157.126

Inverse Universe

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



70, 15.256, 345.931



86, 22.306, 346.264



69, 12.943, 20.542



38, 5.040, 345.214



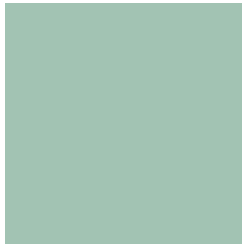
34, 59.907, 2.927



3, 15.702, 353.238

Previews

White Background



This preview shows how the CIELCh color 76, 14.911, 163.026 looks on a white background.

Color Contrast Check

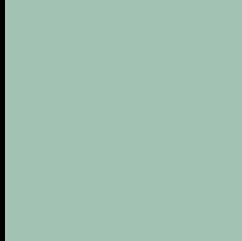
Large Text (above 18pt) WCAG AA × Fail

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, 14.911, 163.026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

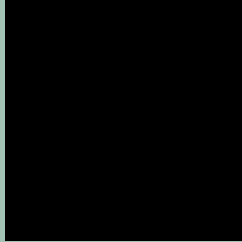
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 14.911, 163.026

Background



This preview shows how black text looks on a background with the CIELCh color 76, 14.911, 163.026.

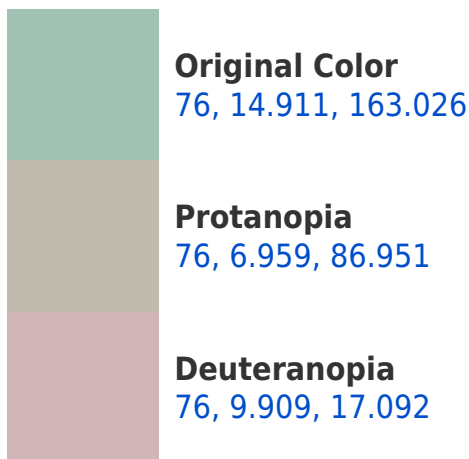


This preview shows how white text looks on a background with the CIELCh color 76, 14.911, 163.026.

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, 11.396, 244.291

Trichromacy



Original Color
76, 14.911, 163.026

Protanomaly
76, 7.480, 130.127

Deuteranomaly
76, 3.260, 74.682

Tritanomaly
76, 9.698, 211.634

Monochromacy



Original Color
76, 14.911, 163.026

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 5.524, 163.196

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 14.911, 163.026 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(162, 195, 179)` looks like.

```
.text, #text, p{  
    color:rgb(162, 195, 179)  
}
```

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(162, 195, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 195, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 14.911, 163.026 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(162, 195, 179) }
```

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

```
.border{ border-color:rgb(162, 195, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 195, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 195, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 195, 179);  
box-shadow:4px 4px 4px 4px rgb(162, 195,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 14.911, 163.026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 195, 179) }
```

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

```
.background{ background-color: rgb(162,  
195, 179) }
```

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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