

Converting Colors

CIELCh(76, 11.033, 211.187)

Have a look what the booklet for
CIELCh(76, 11.033, 211.187)
contains.

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Color

CIELCh(76, 11.001, 209.983)

Conversions

Conversions Part 1

Format	Color
Hex	A2C1C5
RGB	162, 193, 197
RGB Percent	64%, 76%, 77%
CMY	0.3645, 0.2429, 0.2272
CMYK	0.18, 0.02, 0.00, 0.23
HSL	187°, 23%, 70%
HSV	187°, 18%, 77%
XYZ	44.0797, 49.8872, 60.1647
YIQ	184.1870, -19.7600, -5.3280

Conversions

Conversions Part 2

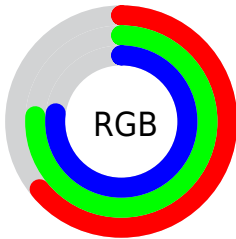
Format	Color
RYB	162, 178, 197
Decimal	10666437
CIELab	76.00, -9.53, -5.50
CIELCh	76, 11.001, 209.983
Yxy	49.8872, 0.2860, 0.3237
Android (android.graphics.Color)	4288856517 (0xFFA2C1C5)
YUV	184.1870, 6.3168, -19.4580
Hunter-Lab	70.6309, -12.2049, -1.0627

Details

The CIELCh color **76, 11.001, 209.983** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **71, 12.391, 30.462**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 11.007, 212.320**, and **56, 10.776, 210.787** is the 20% darker color. If you saturate the color by 10%, you get **74, 16.615, 210.036**, and if you desaturate by 10%, it is **78, 4.945, 210.072**.

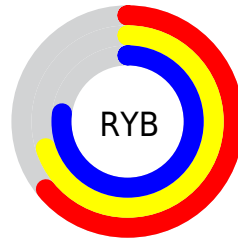
Distribution



Red (64%)

Green (76%)

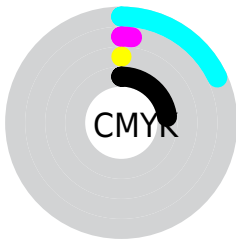
Blue (77%)



Red (64%)

Yellow (70%)

Blue (77%)

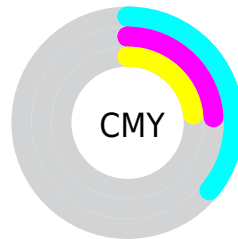


Cyan (18%)

Magenta (2%)

Yellow (0%)

Black (23%)



Cyan (36%)


Magenta (24%)


Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 11.001, 209.983 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, 11.001, 209.983 by changing the saturation by 10% instead.


 76, 11.001,
209.983


 76, 11.001,
209.983


 100, 11.001,
209.983


 66, 11.001,
209.983


 96, 11.001,
209.983

 56, 11.001,
209.983

 46, 11.001,
209.983

 36, 11.001,
209.983

 26, 11.001,
209.983

 16, 11.001,
209.983

 6, 11.001, 209.983

0, 11.001, 209.983

76, 11.001,
209.983

76, 11.001,
209.983

74, 16.615,
210.036

78, 4.945, 210.072

80, 1.458, 29.709

73, 21.684,
210.250

82, 8.124, 30.212

71, 26.103,
210.644

84, 14.980, 30.489

70, 29.778,
211.257

86, 19.802, 31.728

87, 19.244, 35.496

68, 32.639,
212.131

87, 18.777, 39.472

67, 34.653,
213.312

88, 18.406, 43.628

■ 66, 35.840,
214.845

■ 88, 18.139, 47.931

■ 66, 36.322,
216.746

■ 65, 36.396,
217.192

Harmonies

Complementary

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



76, 11.001, 209.983



71, 12.391, 30.462

Rectangle

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



76, 11.001, 209.983



76, 11.001, 259.983



76, 11.001, 29.983



76, 11.001, 79.983

Sweetspot

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



76, 11.001, 209.975



99, 3.953, 210.155



76, 21.475, 146.128



53, 2.692, 210.127



0, 0.000, 0.000



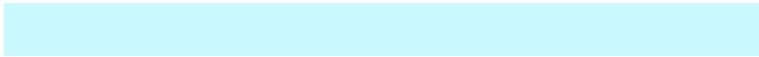
53, 0.007, 296.813

Same Dimension

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



76, 11.001, 209.975



95, 15.852, 209.980



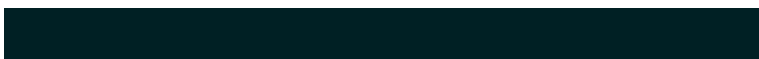
71, 12.328, 267.964



41, 3.625, 210.040



55, 31.675, 216.870



10, 11.669, 211.871

Inverse Universe

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



71, 21.301, 328.730



87, 31.071, 328.944



75, 12.561, 83.133



39, 6.825, 328.225



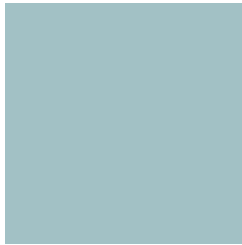
38, 75.734, 333.319



4, 24.223, 331.146

Previews

White Background



This preview shows how the CIELCh color 76, 11.001, 209.983 looks on a white background.

Color Contrast Check

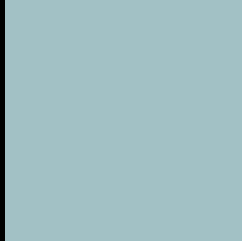
Large Text (above 18pt) WCAG AA × Fail

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, 11.001, 209.983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

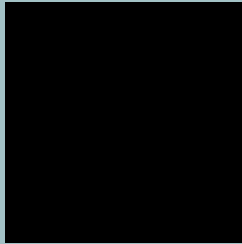
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

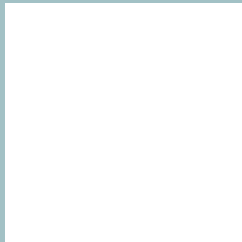
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 11.001, 209.983

Background



This preview shows how black text looks on a background with the CIELCh color 76, 11.001, 209.983.

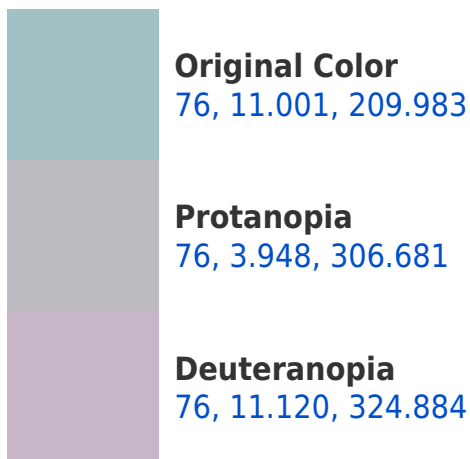


This preview shows how white text looks on a background with the CIELCh color 76, 11.001, 209.983.

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](#).

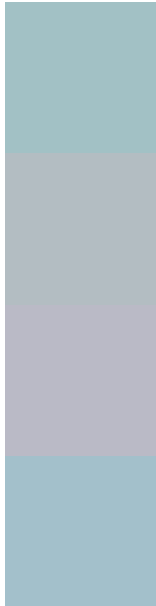
Dichromacy





Tritanopia
76, 12.347, 239.890

Trichromacy



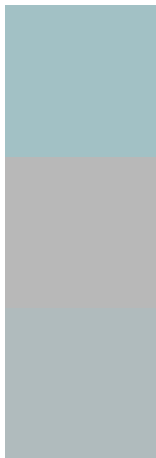
Original Color
76, 11.001, 209.983

Protanomaly
76, 4.460, 236.472

Deuteranomaly
76, 6.471, 290.791

Tritanomaly
76, 11.485, 229.967

Monochromacy



Original Color
76, 11.001, 209.983

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 4.121, 214.432

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 11.001, 209.983 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, 193, 197)` looks like.

```
.text, #text, p{  
    color:rgb(162, 193, 197)  
}
```

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, 193, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 193, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 11.001, 209.983 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, 193, 197) }
```

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

```
.border{ border-color:rgb(162, 193, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 193, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 193, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 193, 197);  
box-shadow:4px 4px 4px 4px rgb(162, 193,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 11.001, 209.983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 193, 197) }
```

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

```
.background{ background-color: rgb(162,  
193, 197) }
```

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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