

Converting Colors

CIELCh(76, 9.194, 214.429)

Have a look what the booklet for
CIELCh(76, 9.194, 214.429) contains.

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Color

CIELCh(76, 9.149, 215.989)

Conversions

Conversions Part 1

Format	Color
Hex	A7C0C5
RGB	167, 192, 197
RGB Percent	65%, 75%, 77%
CMY	0.3455, 0.2474, 0.2278
CMYK	0.15, 0.03, 0.00, 0.23
HSL	190°, 21%, 71%
HSV	190°, 15%, 77%
XYZ	44.8101, 49.8872, 60.0312
YIQ	185.0950, -16.5050, -3.7450

Conversions

Conversions Part 2

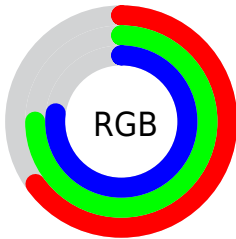
Format	Color
RYB	167, 181, 197
Decimal	10993861
CIELab	76.00, -7.40, -5.38
CIElCh	76, 9.149, 215.989
Yxy	49.8872, 0.2896, 0.3224
Android (android.graphics.Color)	4289183941 (0xFFA7C0C5)
YUV	185.0950, 5.8692, -15.8693
Hunter-Lab	70.6309, -10.3589, -0.9506

Details

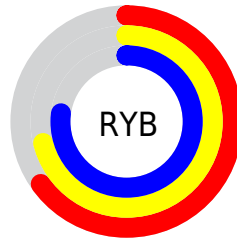
The CIELCh color **76, 9.149, 215.989** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **72, 10.107, 35.620**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 9.251, 218.422**, and **56, 9.098, 213.255** is the 20% darker color. If you saturate the color by 10%, you get **74, 14.680, 216.293**, and if you desaturate by 10%, it is **78, 3.228, 215.895**.

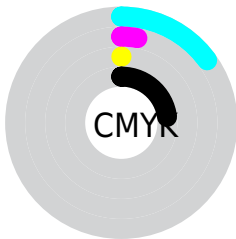
Distribution



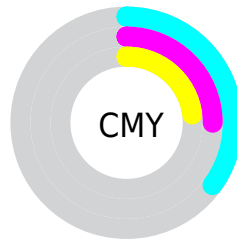
- Red (65%)
- Green (75%)
- Blue (77%)



- Red (65%)
- Yellow (71%)
- Blue (77%)



- Cyan (15%)
- Magenta (3%)
- Yellow (0%)
- Black (23%)



- Cyan (35%)
- Magenta (25%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 9.149, 215.989 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, 9.149, 215.989 by changing the saturation by 10% instead.

■ 76, 9.149, 215.989

■ 76, 9.149, 215.989

■ 100, 9.149,
215.989

■ 66, 9.149, 215.989

■ 96, 9.149, 215.989

■ 56, 9.149, 215.989

■ 46, 9.149, 215.989

■ 36, 9.149, 215.989

■ 26, 9.149, 215.989

■ 16, 9.149, 215.989

■ 6, 9.149, 215.989

■ 0, 9.149, 215.989

■ 76, 9.149, 215.989

■ 76, 9.149, 215.989

74, 14.680,
216.293

78, 3.228, 215.895

72, 19.725,
216.804

81, 2.998, 35.465

70, 24.189,
217.549

83, 9.456, 35.594

68, 27.979,
218.584

86, 16.083, 35.690

67, 31.022,
219.971

87, 18.906, 38.778

65, 33.281,
221.783

88, 18.375, 44.828

64, 34.770,
224.089

89, 18.064, 51.159

63, 35.575,
226.943

90, 17.984, 57.621

62, 35.842,

228.418

Harmonies

Complementary

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



76, 9.149, 215.989



72, 10.107, 35.620

Rectangle

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



76, 9.149, 215.989



76, 9.149, 265.989



76, 9.149, 35.989



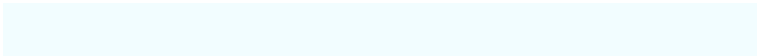
76, 9.149, 85.989

Sweetspot

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



76, 9.149, 215.978



99, 3.805, 215.898



77, 17.749, 147.861



52, 2.591, 215.886



0, 0.000, 0.000



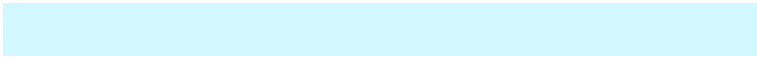
53, 0.007, 296.813

Same Dimension

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



76, 9.149, 215.978



95, 13.214, 216.054



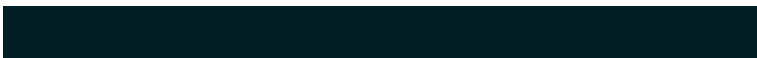
72, 11.152, 271.878



41, 3.489, 215.886



52, 31.180, 227.923



9, 11.303, 220.376

Inverse Universe

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



72, 17.588, 330.295



89, 25.662, 330.488



76, 11.215, 87.836



39, 6.579, 329.925



37, 72.759, 336.102



4, 23.124, 333.421

Previews

White Background



This preview shows how the CIELCh color 76, 9.149, 215.989 looks on a white background.

Color Contrast Check

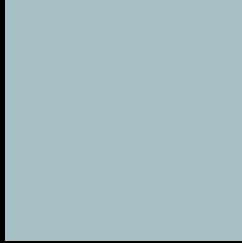
Large Text (above 18pt) WCAG AA × Fail

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, 9.149, 215.989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

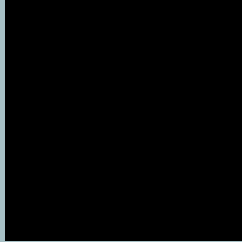
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

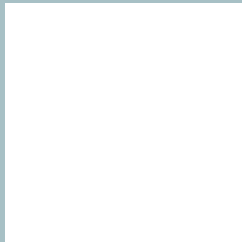
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 9.149, 215.989

Background



This preview shows how black text looks on a background with the CIELCh color 76, 9.149, 215.989.

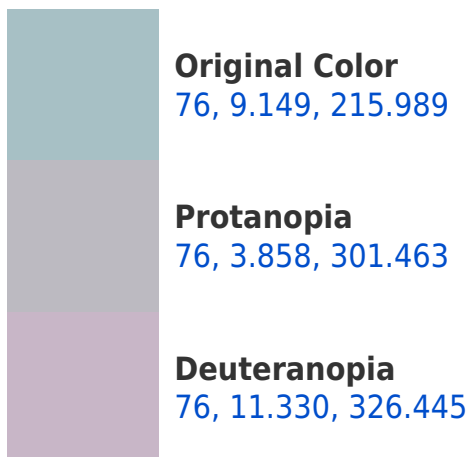


This preview shows how white text looks on a background with the CIELCh color 76, 9.149, 215.989.

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, 10.938, 246.787

Trichromacy



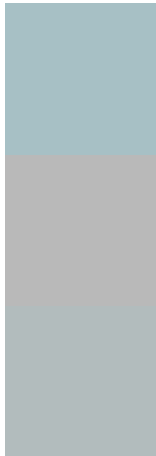
Original Color
76, 9.149, 215.989

Protanomaly
76, 4.296, 248.238

Deuteranomaly
76, 6.521, 297.151

Tritanomaly
76, 10.146, 238.663

Monochromacy



Original Color
76, 9.149, 215.989

Achromatopsia
75, 0.009, 296.813

Achromatomaly
76, 3.673, 207.712

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 9.149, 215.989 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, 192, 197)` looks like.

```
.text, #text, p{  
    color:rgb(167, 192, 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(167, 192, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 192, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 9.149, 215.989 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, 192, 197) }
```

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

```
.border{ border-color:rgb(167, 192, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 192, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 192, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 192, 197);  
box-shadow:4px 4px 4px 4px rgb(167, 192,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 9.149, 215.989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 192, 197) }
```

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

```
.background{ background-color: rgb(167,  
192, 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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