

Converting Colors

CIELCh(76, 16.360, 222.926)

Have a look what the booklet for
CIELCh(76, 16.360, 222.926)
contains.

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Color

CIELCh(76, 16.461, 221.633)

Conversions

Conversions Part 1

Format	Color
Hex	95C3CF
RGB	149, 195, 207
RGB Percent	58%, 76%, 81%
CMY	0.4159, 0.2355, 0.1885
CMYK	0.28, 0.06, 0.00, 0.19
HSL	192°, 38%, 70%
HSV	192°, 28%, 81%
XYZ	43.1385, 49.8872, 66.3460
YIQ	182.6140, -31.2680, -6.0200

Conversions

Conversions Part 2

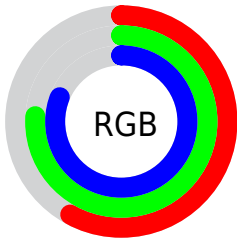
Format	Color
RYB	149, 175, 207
Decimal	9814991
CIELab	76.00, -12.30, -10.94
CIElCh	76, 16.461, 221.633
Yxy	49.8872, 0.2707, 0.3130
Android (android.graphics.Color)	4288005071 (0xFF95C3CF)
YUV	182.6140, 12.0223, -29.4795
Hunter-Lab	70.6309, -14.5835, -6.2515

Details

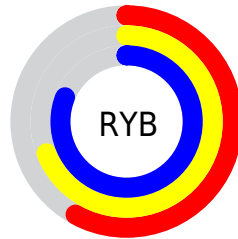
The CIELCh color **76, 16.461, 221.633** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **70, 19.919, 39.897**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 15.906, 204.037**, and **56, 16.547, 222.840** is the 20% darker color. If you saturate the color by 10%, you get **74, 21.486, 222.488**, and if you desaturate by 10%, it is **78, 10.935, 221.015**.

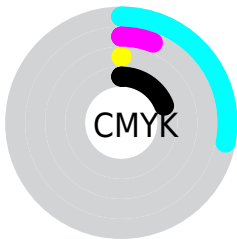
Distribution



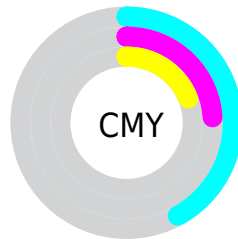
- Red (58%)
- Green (76%)
- Blue (81%)



- Red (58%)
- Yellow (69%)
- Blue (81%)



- Cyan (28%)
- Magenta (6%)
- Yellow (0%)
- Black (19%)





- Cyan (42%)
- Magenta (24%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 16.461, 221.633 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, 16.461, 221.633 by changing the saturation by 10% instead.


 76, 16.461,
221.633


 76, 16.461,
221.633


 100, 16.461,
221.633


 66, 16.461,
221.633


 96, 16.461,
221.633

 56, 16.461,
221.633

 46, 16.461,
221.633

 36, 16.461,
221.633

 26, 16.461,
221.633

 16, 16.461,
221.633

 6, 16.461, 221.633

■ 0, 16.461, 221.633

■ 76, 16.461,
221.633

■ 76, 16.461,
221.633

■ 74, 21.486,
222.488

■ 78, 10.935,
221.015

■ 72, 25.917,
223.650

■ 81, 5.002, 220.632

■ 69, 29.670,
225.187

■ 84, 1.254, 39.781

■ 86, 7.757, 39.968

■ 68, 32.685,
227.180

■ 89, 14.442, 39.904

■ 66, 34.948,
229.715

■ 90, 14.799, 48.577

■ 91, 14.684, 58.909

■ 64, 36.508,
232.867

■ 93, 15.052, 69.040

■ 63, 37.521,
236.636

■ 94, 15.866, 78.379

■ 63, 37.709,
237.401

Harmonies

Complementary

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



76, 16.461, 221.633



70, 19.919, 39.897

Rectangle

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



76, 16.461, 221.633



76, 16.461, 271.633



76, 16.461, 41.633



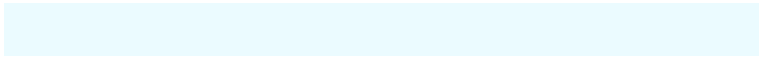
76, 16.461, 91.633

Sweetspot

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



76, 16.461, 221.628



97, 5.905, 220.634



78, 32.834, 148.437



52, 4.180, 220.674



0, 0.000, 0.000



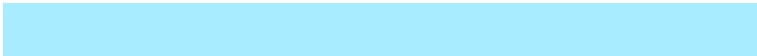
53, 0.007, 296.813

Same Dimension

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



76, 16.461, 221.628



90, 23.098, 222.145



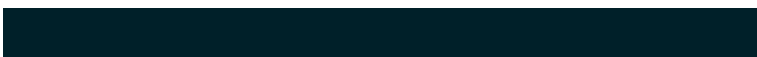
68, 22.889, 277.871



43, 3.553, 220.668



52, 32.279, 236.751



11, 12.197, 228.052

Inverse Universe

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



69, 32.821, 332.571



79, 47.045, 333.012



77, 22.779, 90.172



41, 6.663, 331.327



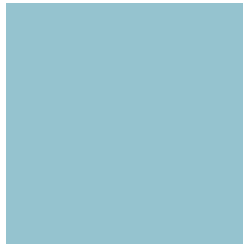
38, 72.204, 338.489



5, 26.516, 335.985

Previews

White Background



This preview shows how the CIELCh color 76, 16.461, 221.633 looks on a white background.

Color Contrast Check

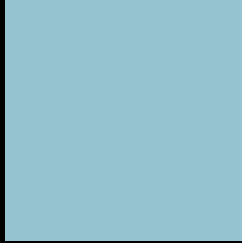
Large Text (above 18pt) WCAG AA × Fail

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, 16.461, 221.633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

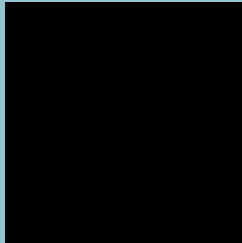
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

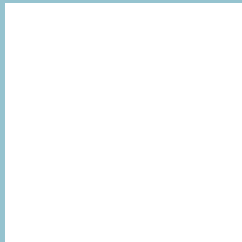
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 16.461, 221.633

Background



This preview shows how black text looks on a background with the CIELCh color 76, 16.461, 221.633.



This preview shows how white text looks on a background with the CIELCh color 76, 16.461, 221.633.

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, 16.693, 229.757

Trichromacy



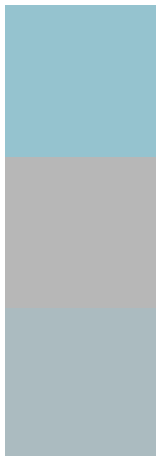
Original Color
76, 16.461, 221.633

Protanomaly
76, 9.283, 253.708

Deuteranomaly
76, 12.189, 276.398

Tritanomaly
76, 16.474, 228.018

Monochromacy



Original Color
76, 16.461, 221.633

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 6.285, 224.581

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 16.461, 221.633 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(149, 195, 207)` looks like.

```
.text, #text, p{  
    color:rgb(149, 195, 207)  
}
```

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(149, 195, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 195, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 16.461, 221.633 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(149, 195, 207) }
```

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

```
.border{ border-color:rgb(149, 195, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 195, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 195, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 195, 207);  
box-shadow:4px 4px 4px 4px rgb(149, 195,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 16.461, 221.633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 195, 207) }
```

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

```
.background{ background-color: rgb(149,  
195, 207) }
```

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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