

Converting Colors

CIELCh(76, 14.084, 187.262)

Have a look what the booklet for
CIELCh(76, 14.084, 187.262)
contains.

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Color

CIELCh(76, 14.073, 187.271)

Conversions

Conversions Part 1

Format	Color
Hex	9CC3BE
RGB	156, 195, 190
RGB Percent	61%, 76%, 75%
CMY	0.3878, 0.2348, 0.2544
CMYK	0.20, 0.00, 0.03, 0.23
HSL	172°, 25%, 69%
HSV	172°, 20%, 77%
XYZ	42.5829, 49.8872, 56.1691
YIQ	182.7690, -21.6390, -9.8230

Conversions

Conversions Part 2

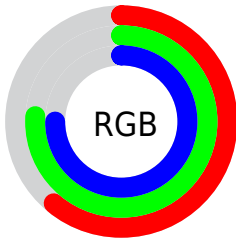
Format	Color
RYB	156, 177, 195
Decimal	10273726
CIELab	76.00, -13.96, -1.78
CIELCh	76, 14.073, 187.271
Yxy	49.8872, 0.2865, 0.3356
Android (android.graphics.Color)	4288463806 (0xFF9CC3BE)
YUV	182.7690, 3.5649, -23.4764
Hunter-Lab	70.6309, -15.9875, 2.2913

Details

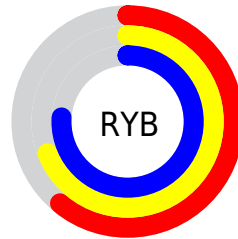
The CIELCh color **76, 14.073, 187.271** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **68, 15.526, 10.751**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 14.311, 186.080**, and **56, 13.859, 188.503** is the 20% darker color. If you saturate the color by 10%, you get **75, 20.567, 186.400**, and if you desaturate by 10%, it is **77, 7.177, 188.130**.

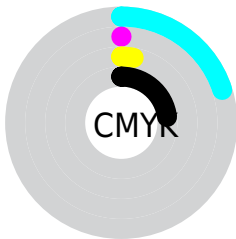
Distribution



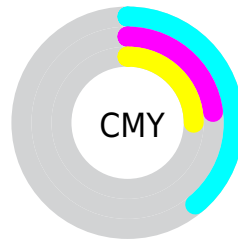
- Red (61%)
- Green (76%)
- Blue (75%)



- Red (61%)
- Yellow (69%)
- Blue (76%)



- Cyan (20%)
- Magenta (0%)
- Yellow (3%)
- Black (23%)





- Cyan (39%)
- Magenta (23%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 14.073, 187.271 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, 14.073, 187.271 by changing the saturation by 10% instead.


 76, 14.073,
187.271


 76, 14.073,
187.271


 100, 14.073,
187.271


 66, 14.073,
187.271


 96, 14.073,
187.271

 56, 14.073,
187.271

 46, 14.073,
187.271

 36, 14.073,
187.271

 26, 14.073,
187.271

 16, 14.073,
187.271

 6, 14.073, 187.271

0, 14.073, 187.271

76, 14.073,
187.271

76, 14.073,
187.271

75, 20.567,
186.400

77, 7.177, 188.130

74, 26.536,
185.508

79, 0.014, 328.099

80, 7.391, 9.586

73, 31.862,
184.574

82, 14.880, 10.396

72, 36.439,
183.584

84, 22.411, 11.166

84, 23.061, 8.216

72, 40.189,
182.519

84, 23.287, 5.051

71, 43.077,
181.359

84, 23.587, 1.959

■ 71, 45.128,
180.085

■ 85, 23.958,
358.958

■ 71, 46.528,
178.712

■ 71, 46.530,
178.711

Harmonies

Complementary

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



76, 14.073, 187.271



68, 15.526, 10.751

Rectangle

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



76, 14.073, 187.271



76, 14.073, 237.271



76, 14.073, 7.271



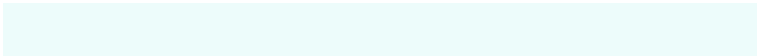
76, 14.073, 57.271

Sweetspot

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



76, 14.074, 187.266



98, 5.347, 188.493



76, 24.617, 139.708



53, 3.572, 188.427



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, 14.074, 187.266



95, 20.605, 186.889



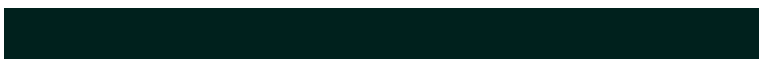
72, 11.410, 242.110



40, 4.055, 188.186



59, 40.198, 178.930



10, 13.536, 182.677

Inverse Universe

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



68, 15.526, 10.751



83, 23.271, 11.282



72, 12.561, 58.006



38, 4.240, 9.607



33, 68.565, 33.738



3, 14.127, 12.433

Previews

White Background



This preview shows how the CIELCh color 76, 14.073, 187.271 looks on a white background.

Color Contrast Check

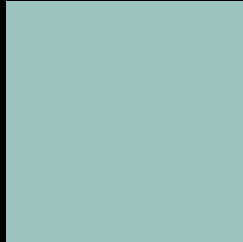
Large Text (above 18pt) WCAG AA × Fail

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, 14.073, 187.271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

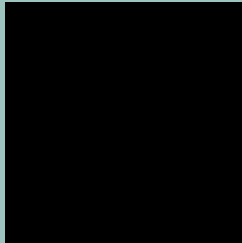
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

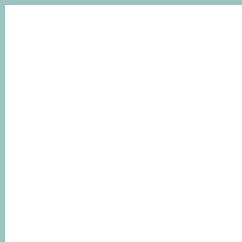
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 14.073, 187.271

Background



This preview shows how black text looks on a background with the CIELCh color 76, 14.073, 187.271.

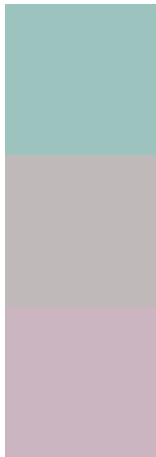


This preview shows how white text looks on a background with the CIELCh color 76, 14.073, 187.271.

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](#).

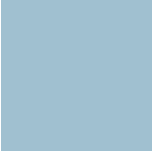
Dichromacy



Original Color
76, 14.073, 187.271

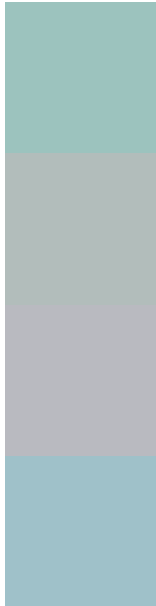
Protanopia
76, 1.934, 35.394

Deuteranopia
76, 10.151, 340.766



Tritanopia
76, 13.646, 238.136

Trichromacy



Original Color
76, 14.073, 187.271

Protanomaly
76, 4.182, 184.263

Deuteranomaly
76, 3.255, 284.064

Tritanomaly
76, 12.371, 219.093

Monochromacy



Original Color
76, 14.073, 187.271

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 5.139, 193.053

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 14.073, 187.271 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(156, 195, 190)` looks like.

```
.text, #text, p{  
    color:rgb(156, 195, 190)  
}
```

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(156, 195, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 195, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 14.073, 187.271 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(156, 195, 190) }
```

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

```
.border{ border-color:rgb(156, 195, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 195, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 195, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 195, 190);  
box-shadow:4px 4px 4px 4px rgb(156, 195,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 14.073, 187.271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 195, 190) }
```

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

```
.background{ background-color: rgb(156,  
195, 190) }
```

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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