

Converting Colors

CIELCh(76, 20.968, 169.039)

Have a look what the booklet for
CIELCh(76, 20.968, 169.039)
contains.

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Color

CIELCh(76, 21.026, 168.669)

Conversions

Conversions Part 1

Format	Color
Hex	93C6B3
RGB	147, 198, 179
RGB Percent	58%, 78%, 70%
CMY	0.4233, 0.2232, 0.2978
CMYK	0.26, 0.00, 0.10, 0.22
HSL	158°, 31%, 68%
HSV	158°, 26%, 78%
XYZ	40.3988, 49.8872, 50.1843
YIQ	180.5850, -24.2970, -16.7210

Conversions

Conversions Part 2

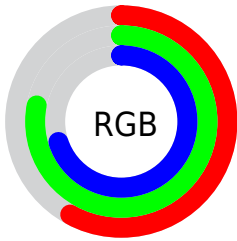
Format	Color
RYB	147, 178, 198
Decimal	9684659
CIELab	76.00, -20.62, 4.13
CIElCh	76, 21.026, 168.669
Yxy	49.8872, 0.2876, 0.3551
Android (android.graphics.Color)	4287874739 (0xFF93C6B3)
YUV	180.5850, -0.7814, -29.4540
Hunter-Lab	70.6309, -21.5073, 7.3152

Details

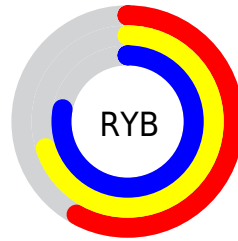
The CIELCh color **76, 21.026, 168.669** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **66, 22.253, 353.748**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 21.005, 168.863**, and **56, 21.130, 168.162** is the 20% darker color. If you saturate the color by 10%, you get **75, 28.789, 167.529**, and if you desaturate by 10%, it is **77, 12.975, 169.709**.

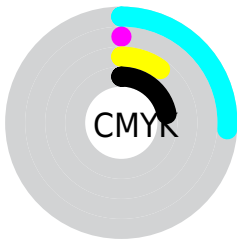
Distribution



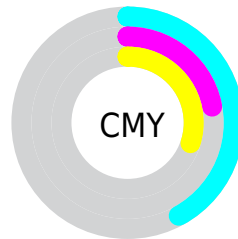
- Red (58%)
- Green (78%)
- Blue (70%)



- Red (58%)
- Yellow (70%)
- Blue (78%)



- Cyan (26%)
- Magenta (0%)
- Yellow (10%)
- Black (22%)



- Cyan (42%)
- Magenta (22%)
- Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 21.026, 168.669 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, 21.026, 168.669 by changing the saturation by 10% instead.

 76, 21.026,
168.669

 76, 21.026,
168.669

 100, 21.026,
168.669

 66, 21.026,
168.669

 96, 21.026,
168.669

 56, 21.026,
168.669

 46, 21.026,
168.669

 36, 21.026,
168.669

 26, 21.026,
168.669

 16, 21.026,
168.669

 6, 21.026, 168.669

■ 0, 21.026, 168.669

■ 76, 21.026,
168.669

■ 76, 21.026,
168.669

■ 75, 28.789,
167.529

■ 77, 12.975,
169.709

■ 74, 36.124,
166.270

■ 79, 4.755, 170.713

■ 73, 42.895,
164.866

■ 81, 3.528, 351.365

■ 82, 11.790,
352.267

■ 72, 48.981,
163.290

■ 84, 19.966,
353.046

■ 72, 54.290,
161.520

■ 86, 24.543,
348.898

■ 71, 58.791,
159.542

■ 86, 26.629,

■ 71, 62.527,
157.364

341.723

■ 71, 63.994,
156.436

■ 86, 29.094,
335.731

■ 86, 31.847,
330.781

Harmonies

Complementary

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



76, 21.026, 168.669



66, 22.253, 353.748

Rectangle

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



76, 21.026, 168.669



76, 21.026, 218.669



76, 21.026, 348.669



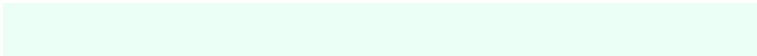
76, 21.026, 38.669

Sweetspot

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



76, 21.027, 168.667



98, 8.119, 170.469



77, 29.772, 131.883



52, 5.767, 170.316



0, 0.000, 0.000



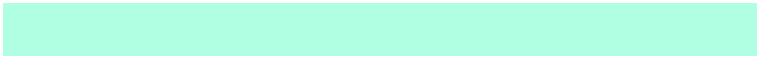
53, 0.007, 296.813

Same Dimension

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



76, 21.027, 168.667



94, 30.850, 168.030



75, 15.560, 210.297



41, 4.702, 170.342



59, 55.083, 156.786



11, 17.938, 162.757

Inverse Universe

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



66, 22.253, 353.748



80, 33.075, 354.479



67, 18.610, 31.062



39, 4.801, 351.937



34, 61.011, 13.759



4, 16.877, 0.417

Previews

White Background



This preview shows how the CIELCh color 76, 21.026, 168.669 looks on a white background.

Color Contrast Check

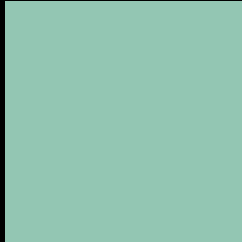
Large Text (above 18pt) WCAG AA × Fail

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, 21.026, 168.669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

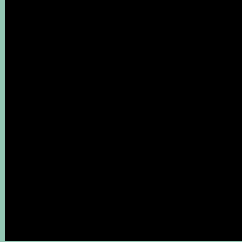
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

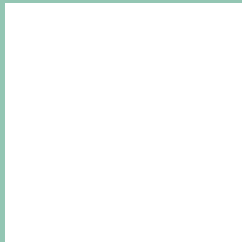
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 21.026, 168.669

Background



This preview shows how black text looks on a background with the CIELCh color 76, 21.026, 168.669.



This preview shows how white text looks on a background with the CIELCh color 76, 21.026, 168.669.

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

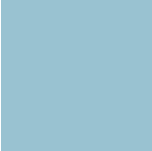
76, 21.026, 168.669

Protanopia

76, 7.460, 88.450

Deuteranopia

76, 9.549, 13.725



Tritanopia
76, 15.680, 229.722

Trichromacy



Original Color
76, 21.026, 168.669

Protanomaly
76, 9.664, 142.250

Deuteranomaly
76, 2.790, 125.402

Tritanomaly
76, 15.124, 204.478

Monochromacy



Original Color
76, 21.026, 168.669

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 7.673, 169.300

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 21.026, 168.669 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(147, 198, 179)` looks like.

```
.text, #text, p{  
    color:rgb(147, 198, 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(147, 198, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 198, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 21.026, 168.669 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(147, 198, 179) }
```

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

```
.border{ border-color:rgb(147, 198, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 198, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 198, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 198, 179);  
box-shadow:4px 4px 4px 4px rgb(147, 198,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 21.026, 168.669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 198, 179) }
```

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

```
.background{ background-color: rgb(147,  
198, 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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