

Converting Colors

CIELCh(76, 21.622, 170.439)

Have a look what the booklet for
CIELCh(76, 21.622, 170.439)
contains.

CIELCh(76, 21.309, 170.684)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(76, 21.309, 170.684)

Conversions

Conversions Part 1

Format	Color
Hex	91C6B4
RGB	145, 198, 180
RGB Percent	57%, 78%, 71%
CMY	0.4302, 0.2223, 0.2929
CMYK	0.27, 0.00, 0.09, 0.22
HSL	160°, 32%, 67%
HSV	160°, 27%, 78%
XYZ	40.2662, 49.8872, 50.8515
YIQ	180.1010, -25.8100, -16.8340

Conversions

Conversions Part 2

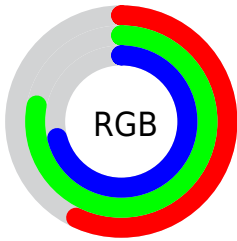
Format	Color
RYB	145, 177, 198
Decimal	9553588
CIELab	76.00, -21.03, 3.45
CIELCh	76, 21.309, 170.684
Yxy	49.8872, 0.2856, 0.3538
Android (android.graphics.Color)	4287743668 (0xFF91C6B4)
YUV	180.1010, -0.0498, -30.7836
Hunter-Lab	70.6309, -21.8424, 6.7552

Details

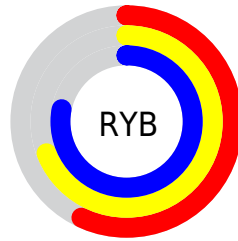
The CIELCh color **76, 21.309, 170.684** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **66, 22.792, 356.068**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 21.297, 170.824**, and **56, 21.380, 170.219** is the 20% darker color. If you saturate the color by 10%, you get **75, 28.810, 169.537**, and if you desaturate by 10%, it is **77, 13.485, 171.735**.

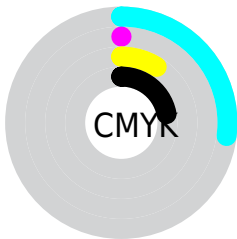
Distribution



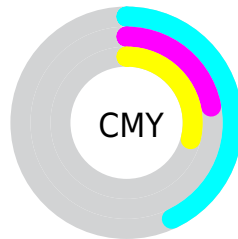
- Red (57%)
- Green (78%)
- Blue (71%)



- Red (57%)
- Yellow (69%)
- Blue (78%)



- Cyan (27%)
- Magenta (0%)
- Yellow (9%)
- Black (22%)





- Cyan (43%)
- Magenta (22%)
- Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 21.309, 170.684 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, 21.309, 170.684 by changing the saturation by 10% instead.

 76, 21.309,
170.684

 76, 21.309,
170.684

 100, 21.309,
170.684


 66, 21.309,
170.684


 96, 21.309,
170.684

 56, 21.309,
170.684

 46, 21.309,
170.684

 36, 21.309,
170.684

 26, 21.309,
170.684

 16, 21.309,
170.684

 6, 21.309, 170.684

■ 0, 21.309, 170.684

■ 76, 21.309,
170.684

■ 76, 21.309,
170.684

■ 75, 28.810,
169.537

■ 77, 13.485,
171.735

■ 74, 35.849,
168.275

■ 79, 5.458, 172.744

■ 73, 42.295,
166.873

■ 81, 2.665, 353.377

■ 82, 10.796,
354.341

■ 72, 48.032,
165.303

■ 84, 18.866,
355.145

■ 72, 52.979,
163.544

■ 86, 23.775,
351.896

■ 71, 57.115,
161.581

■ 86, 25.508,

■ 71, 60.506,
159.426

344.849

■ 71, 61.543,
158.726

■ 86, 27.598,
338.828

■ 86, 29.968,
333.754

Harmonies

Complementary

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



76, 21.309, 170.684



66, 22.792, 356.068

Rectangle

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



76, 21.309, 170.684



76, 21.309, 220.684



76, 21.309, 350.684



76, 21.309, 40.684

Sweetspot

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



76, 21.310, 170.682



98, 7.951, 172.601



76, 31.230, 132.914



52, 5.646, 172.446



0, 0.000, 0.000



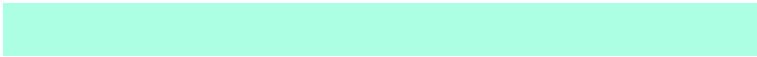
53, 0.007, 296.813

Same Dimension

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



76, 21.310, 170.682



94, 31.016, 170.037



74, 15.723, 214.300



41, 4.604, 172.473



59, 52.944, 159.072



11, 17.390, 164.931

Inverse Universe

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



66, 22.792, 356.068



79, 33.678, 356.839



67, 18.933, 34.228



39, 4.713, 354.086



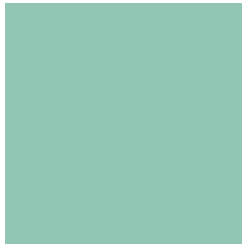
34, 61.609, 16.871



4, 16.699, 2.191

Previews

White Background



This preview shows how the CIELCh color 76, 21.309, 170.684 looks on a white background.

Color Contrast Check

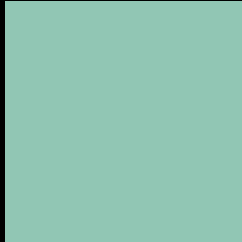
Large Text (above 18pt) WCAG AA × Fail

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, 21.309, 170.684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

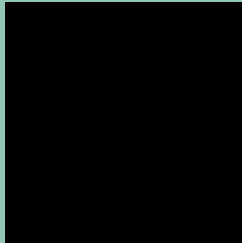
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

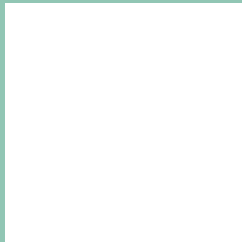
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 21.309, 170.684

Background



This preview shows how black text looks on a background with the CIELCh color 76, 21.309, 170.684.

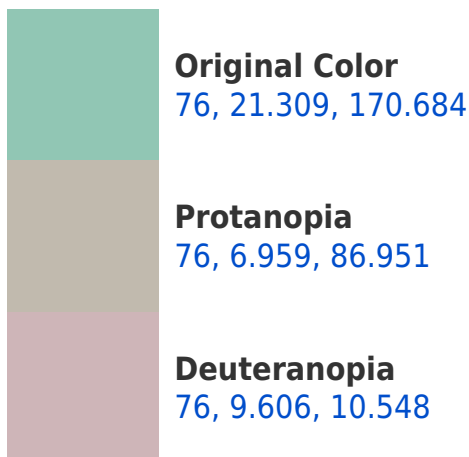


This preview shows how white text looks on a background with the CIELCh color 76, 21.309, 170.684.

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, 16.434, 230.322

Trichromacy



Original Color
76, 21.309, 170.684

Protanomaly
76, 9.214, 144.046

Deuteranomaly
76, 2.428, 137.281

Tritanomaly
76, 16.052, 204.051

Monochromacy



Original Color
76, 21.309, 170.684

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 8.307, 171.670

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 21.309, 170.684 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(145, 198, 180)` looks like.

```
.text, #text, p{  
    color:rgb(145, 198, 180)  
}
```

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(145, 198, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 198, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 21.309, 170.684 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(145, 198, 180) }
```

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

```
.border{ border-color:rgb(145, 198, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 198, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 198, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 198, 180);  
box-shadow:4px 4px 4px 4px rgb(145, 198,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 21.309, 170.684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 198, 180) }
```

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

```
.background{ background-color: rgb(145,  
198, 180) }
```

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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