

Converting Colors

CIELCh(76, 21.150, 189.197)

Have a look what the booklet for
CIELCh(76, 21.150, 189.197)
contains.

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Color

CIELCh(76, 21.323, 189.038)

Conversions

Conversions Part 1

Format	Color
Hex	89C7C1
RGB	137, 199, 193
RGB Percent	54%, 78%, 76%
CMY	0.4636, 0.2205, 0.2440
CMYK	0.31, 0.00, 0.03, 0.22
HSL	174°, 36%, 66%
HSV	174°, 31%, 78%
XYZ	40.2565, 49.8872, 57.8331
YIQ	179.7780, -35.0260, -15.0100

Conversions

Conversions Part 2

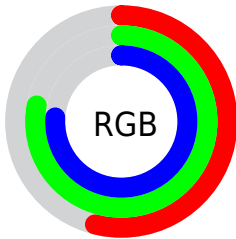
Format	Color
RYB	137, 170, 199
Decimal	9029569
CIELab	76.00, -21.06, -3.35
CIELCh	76, 21.323, 189.038
Yxy	49.8872, 0.2720, 0.3371
Android (android.graphics.Color)	4287219649 (0xFF89C7C1)
YUV	179.7780, 6.5184, -37.5163
Hunter-Lab	70.6309, -21.8671, 0.8946

Details

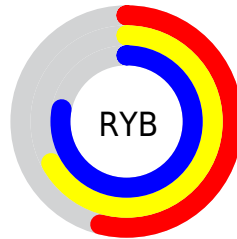
The CIELCh color **76, 21.323, 189.038** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **63, 25.351, 14.635**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 21.057, 189.653**, and **56, 21.302, 189.610** is the 20% darker color. If you saturate the color by 10%, you get **75, 27.156, 188.233**, and if you desaturate by 10%, it is **77, 14.918, 189.826**.

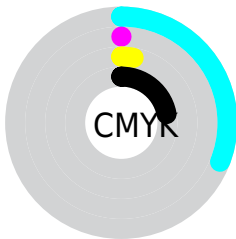
Distribution



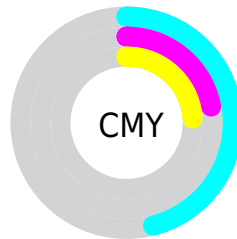
- Red (54%)
- Green (78%)
- Blue (76%)



- Red (54%)
- Yellow (67%)
- Blue (78%)



- Cyan (31%)
- Magenta (0%)
- Yellow (3%)
- Black (22%)





- Cyan (46%)
- Magenta (22%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 21.323, 189.038 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, 21.323, 189.038 by changing the saturation by 10% instead.


 76, 21.323,
189.038


 76, 21.323,
189.038


 100, 21.323,
189.038


 66, 21.323,
189.038


 96, 21.323,
189.038

 56, 21.323,
189.038

 46, 21.323,
189.038

 36, 21.323,
189.038

 26, 21.323,
189.038

 16, 21.323,
189.038

 6, 21.323, 189.038

0, 21.323, 189.038

76, 21.323,
189.038

76, 21.323,
189.038

75, 27.156,
188.233

77, 14.918,
189.826

74, 32.297,
187.410

78, 8.061, 190.625

73, 36.645,
186.553

80, 0.868, 191.935

82, 6.558, 11.991

73, 40.131,
185.646

83, 14.127, 12.780

73, 42.731,
184.673

85, 21.363, 13.347

85, 21.442, 10.684

72, 44.482,
183.615

85, 21.569, 8.048

■ 72, 45.495,
182.623

■ 85, 21.745, 5.449

Harmonies

Complementary

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



76, 21.323, 189.038



63, 25.351, 14.635

Rectangle

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



76, 21.323, 189.038



76, 21.323, 239.038



76, 21.323, 9.038



76, 21.323, 59.038

Sweetspot

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



76, 21.324, 189.035



98, 7.971, 190.797



75, 39.396, 139.827



52, 5.523, 190.673



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, 21.324, 189.035



94, 30.285, 188.527



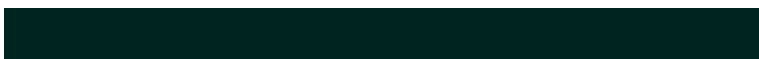
69, 17.988, 248.243



41, 4.103, 190.775



60, 39.239, 182.800



12, 13.876, 185.587

Inverse Universe

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



63, 25.351, 14.635



76, 37.463, 15.611



69, 20.717, 60.776



39, 4.306, 12.113



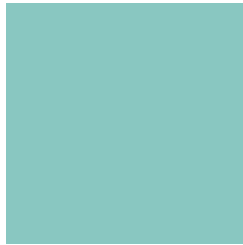
34, 70.797, 35.579



3, 15.964, 14.398

Previews

White Background



This preview shows how the CIELCh color 76, 21.323, 189.038 looks on a white background.

Color Contrast Check

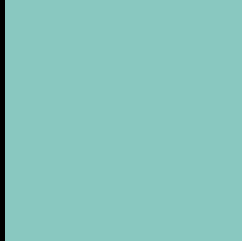
Large Text (above 18pt) WCAG AA × Fail

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, 21.323, 189.038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

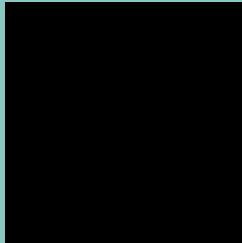
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

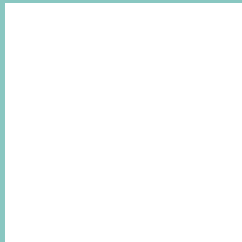
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 21.323, 189.038

Background



This preview shows how black text looks on a background with the CIELCh color 76, 21.323, 189.038.

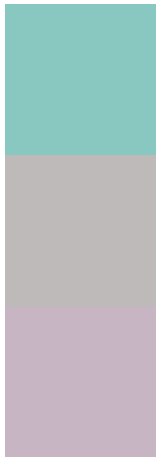


This preview shows how white text looks on a background with the CIELCh color 76, 21.323, 189.038.

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, 21.323, 189.038

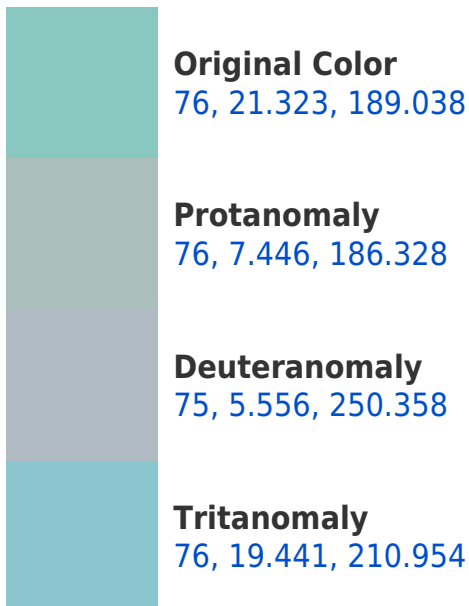
Protanopia
76, 1.577, 39.092

Deuteranopia
76, 10.733, 331.463

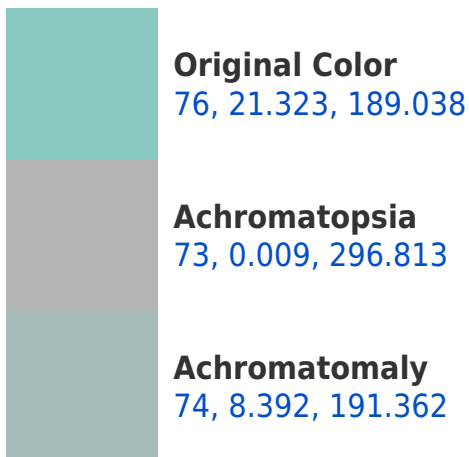


Tritanopia
76, 19.532, 224.599

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 21.323, 189.038 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(137, 199, 193)` looks like.

```
.text, #text, p{  
    color:rgb(137, 199, 193)  
}
```

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(137, 199, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 199, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 21.323, 189.038 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(137, 199, 193) }
```

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

```
.border{ border-color:rgb(137, 199, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 199, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 199, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 199, 193);  
box-shadow:4px 4px 4px 4px rgb(137, 199,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 21.323, 189.038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 199, 193) }
```

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

```
.background{ background-color: rgb(137,  
199, 193) }
```

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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