

Converting Colors

CIELCh(76, 23.052, 159.189)

Have a look what the booklet for
CIELCh(76, 23.052, 159.189)
contains.

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Color

CIELCh(76, 22.793, 159.871)

Conversions

Conversions Part 1

Format	Color
Hex	95C6AC
RGB	149, 198, 172
RGB Percent	58%, 78%, 67%
CMY	0.4148, 0.2226, 0.3246
CMYK	0.25, 0.00, 0.13, 0.22
HSL	148°, 30%, 68%
HSV	148°, 25%, 78%
XYZ	40.1464, 49.8872, 46.6524
YIQ	180.3850, -20.8580, -18.4740

Conversions

Conversions Part 2

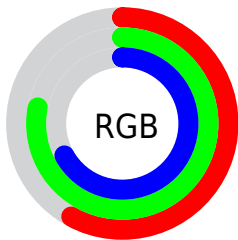
Format	Color
RYB	149, 182, 198
Decimal	9815724
CIELab	76.00, -21.40, 7.84
CIElCh	76, 22.793, 159.871
Yxy	49.8872, 0.2937, 0.3650
Android (android.graphics.Color)	4288005804 (0xFF95C6AC)
YUV	180.3850, -4.1338, -27.5246
Hunter-Lab	70.6309, -22.1452, 10.2800

Details

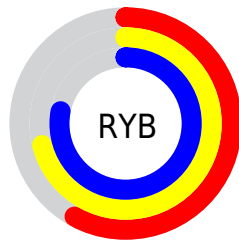
The CIELCh color **76, 22.793, 159.871** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **67, 23.400, 344.171**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 22.977, 159.399**, and **56, 22.719, 160.126** is the 20% darker color. If you saturate the color by 10%, you get **75, 31.788, 158.792**, and if you desaturate by 10%, it is **77, 13.608, 160.835**.

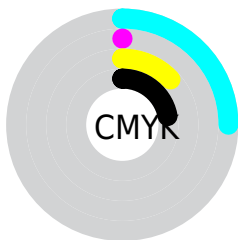
Distribution



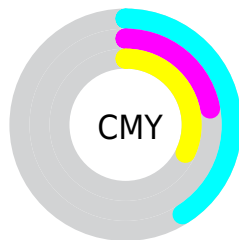
- Red (58%)
- Green (78%)
- Blue (67%)



- Red (58%)
- Yellow (71%)
- Blue (78%)



- Cyan (25%)
- Magenta (0%)
- Yellow (13%)
- Black (22%)





- Cyan (41%)
- Magenta (22%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 22.793, 159.871 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, 22.793, 159.871 by changing the saturation by 10% instead.


 76, 22.793,
159.871


 76, 22.793,
159.871


 100, 22.793,
159.871


 66, 22.793,
159.871


 96, 22.793,
159.871

 56, 22.793,
159.871

 46, 22.793,
159.871

 36, 22.793,
159.871

 26, 22.793,
159.871

 16, 22.793,
159.871

 6, 22.793, 159.871

■ 0, 22.793, 159.871

■ 76, 22.793,
159.871

■ 76, 22.793,
159.871

■ 75, 31.788,
158.792

■ 77, 13.608,
160.835

■ 74, 40.442,
157.574

■ 79, 4.356, 161.750

■ 73, 48.597,
156.191

■ 81, 4.857, 342.349

■ 83, 13.951,
343.102

■ 72, 56.102,
154.620

■ 85, 22.867,
343.755

■ 71, 62.832,
152.844

■ 86, 28.034,
337.891

■ 71, 68.715,
150.858

■ 86, 31.893,

■ 70, 73.751,
148.684

330.572

■ 70, 76.175,
147.536

■ 86, 35.608,
325.662

Harmonies

Complementary

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



76, 22.793, 159.871



67, 23.400, 344.171

Rectangle

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



76, 22.793, 159.871



76, 22.793, 209.871



76, 22.793, 339.871



76, 22.793, 29.871

Sweetspot

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



76, 22.794, 159.870



99, 7.927, 161.524



77, 27.511, 126.737



52, 5.152, 161.469



0, 0.000, 0.000



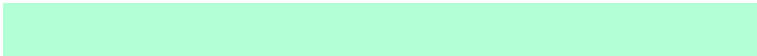
53, 0.007, 296.813

Same Dimension

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



76, 22.794, 159.870



94, 33.816, 159.268



77, 16.865, 195.152



41, 5.252, 161.318



59, 65.456, 147.886



11, 20.538, 154.637

Inverse Universe

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



67, 23.400, 344.171



81, 34.907, 344.758



66, 19.681, 18.714



39, 5.311, 342.747



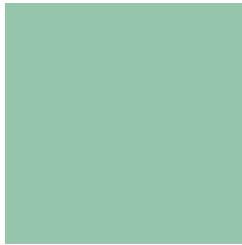
35, 61.145, 358.713



4, 18.174, 351.100

Previews

White Background



This preview shows how the CIELCh color 76, 22.793, 159.871 looks on a white background.

Color Contrast Check

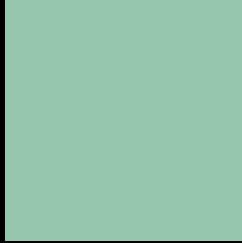
Large Text (above 18pt) WCAG AA × Fail

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, 22.793, 159.871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

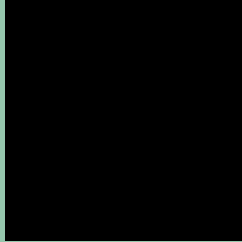
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

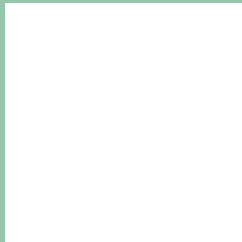
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 22.793, 159.871

Background



This preview shows how black text looks on a background with the CIELCh color 76, 22.793, 159.871.



This preview shows how white text looks on a background with the CIELCh color 76, 22.793, 159.871.

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](#).

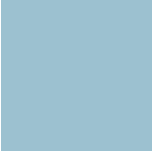
Dichromacy



Original Color
76, 22.793, 159.871

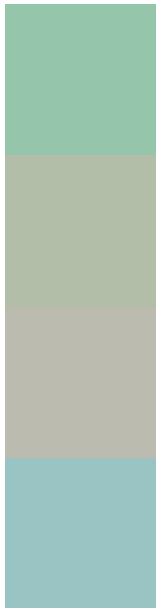
Protanopia
76, 11.276, 91.071

Deuteranopia
76, 11.399, 31.064



Tritanopia
76, 14.636, 232.322

Trichromacy



Original Color
76, 22.793, 159.871

Protanomaly
76, 12.687, 130.154

Deuteranomaly
76, 6.439, 109.560

Tritanomaly
76, 14.234, 198.351

Monochromacy



Original Color
76, 22.793, 159.871

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 8.293, 162.899

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 22.793, 159.871 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, 198, 172)` looks like.

```
.text, #text, p{  
    color:rgb(149, 198, 172)  
}
```

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, 198, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 198, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 22.793, 159.871 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, 198, 172) }
```

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

```
.border{ border-color:rgb(149, 198, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 198, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 198, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 198, 172);  
box-shadow:4px 4px 4px 4px rgb(149, 198,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 22.793, 159.871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 198, 172) }
```

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

```
.background{ background-color: rgb(149,  
198, 172) }
```

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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