

Converting Colors

CIELCh(78, 10.713, 188.850)

Have a look what the booklet for
CIELCh(78, 10.713, 188.850)
contains.

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Color

CIELCh(78, 10.921, 187.269)

Conversions

Conversions Part 1

Format	Color
Hex	A9C7C3
RGB	169, 199, 195
RGB Percent	66%, 78%, 76%
CMY	0.3373, 0.2197, 0.2354
CMYK	0.15, 0.00, 0.02, 0.22
HSL	172°, 21%, 72%
HSV	172°, 15%, 78%
XYZ	46.6271, 53.2120, 59.4335
YIQ	189.5740, -16.5960, -7.6040

Conversions

Conversions Part 2

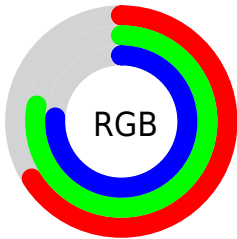
Format	Color
RYB	169, 185, 199
Decimal	11126723
CIELab	78.00, -10.83, -1.38
CIELCh	78, 10.921, 187.269
Yxy	53.2120, 0.2928, 0.3341
Android (android.graphics.Color)	4289316803 (0xFFA9C7C3)
YUV	189.5740, 2.6750, -18.0434
Hunter-Lab	72.9466, -13.5602, 2.7559

Details

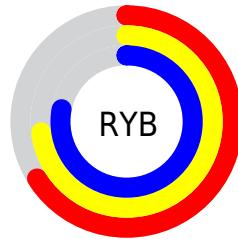
The CIELCh color **78, 10.921, 187.269** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **72, 11.737, 9.801**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 10.371, 190.295**, and **58, 10.764, 186.156** is the 20% darker color. If you saturate the color by 10%, you get **77, 17.754, 186.392**, and if you desaturate by 10%, it is **79, 3.741, 188.182**.

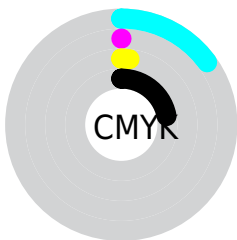
Distribution



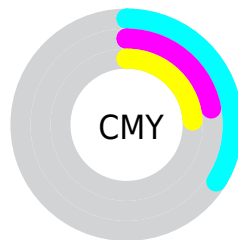
- Red (66%)
- Green (78%)
- Blue (76%)



- Red (66%)
- Yellow (73%)
- Blue (78%)



- Cyan (15%)
- Magenta (0%)
- Yellow (2%)
- Black (22%)





- Cyan (34%)
- Magenta (22%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 10.921, 187.269 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 78, 10.921, 187.269 by changing the saturation by 10% instead.


 78, 10.921,
187.269


 78, 10.921,
187.269


 100, 10.921,
187.269


 68, 10.921,
187.269


 98, 10.921,
187.269

 58, 10.921,
187.269

 48, 10.921,
187.269

 38, 10.921,
187.269

 28, 10.921,
187.269

 18, 10.921,
187.269

 8, 10.921, 187.269

0, 10.921, 187.269

78, 10.921,
187.269

78, 10.921,
187.269

77, 17.754,
186.392

79, 3.741, 188.182

76, 24.118,
185.500

81, 3.681, 8.705

75, 29.890,
184.572

83, 11.251, 9.590

74, 34.953,
183.591

85, 21.480, 8.154

73, 39.212,
182.540

85, 21.732, 4.565

73, 42.606,
181.400

86, 22.497,
357.710

■ 72, 45.130,
180.150

■ 86, 23.001,
354.486

■ 72, 46.844,
178.773

■ 72, 47.518,
178.074

Harmonies

Complementary

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



78, 10.921, 187.269



72, 11.737, 9.801

Rectangle

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



78, 10.921, 187.269



78, 10.921, 237.269



78, 10.921, 7.269



78, 10.921, 57.269

Sweetspot

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



78, 10.922, 187.262



99, 4.506, 188.182



78, 18.737, 139.535



53, 3.071, 188.107



0, 0.000, 0.000



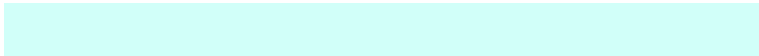
53, 0.007, 296.813

Same Dimension

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



78, 10.922, 187.262



97, 15.842, 186.985



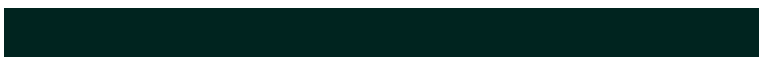
75, 8.781, 239.337



41, 4.150, 187.764



60, 40.922, 178.301



12, 14.310, 181.882

Inverse Universe

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



72, 11.737, 9.801



88, 17.301, 10.154



74, 9.457, 56.451



39, 4.337, 9.204



34, 69.183, 33.490



3, 16.026, 12.522

Previews

White Background



This preview shows how the CIELCh color 78, 10.921, 187.269 looks on a white background.

Color Contrast Check

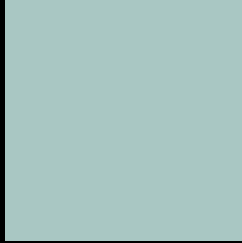
Large Text (above 18pt) WCAG AA × Fail

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 78, 10.921, 187.269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

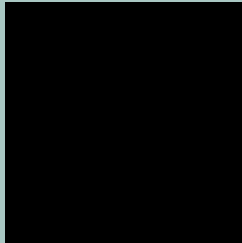
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

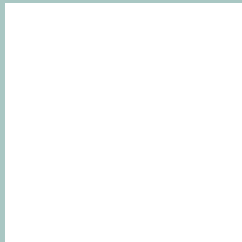
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 10.921, 187.269

Background



This preview shows how black text looks on a background with the CIELCh color 78, 10.921, 187.269.

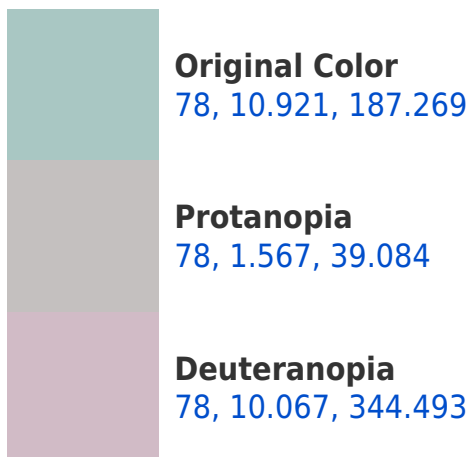


This preview shows how white text looks on a background with the CIELCh color 78, 10.921, 187.269.

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
78, 11.712, 246.242

Trichromacy



Original Color
78, 10.921, 187.269

Protanomaly
78, 3.678, 173.401

Deuteranomaly
78, 3.418, 309.166

Tritanomaly
78, 10.124, 227.397

Monochromacy



Original Color
78, 10.921, 187.269

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 4.045, 191.592

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 10.921, 187.269 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(169, 199, 195)` looks like.

```
.text, #text, p{  
    color:rgb(169, 199, 195)  
}
```

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(169, 199, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 199, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 10.921, 187.269 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(169, 199, 195) }
```

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

```
.border{ border-color:rgb(169, 199, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 199, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 199, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 199, 195);  
box-shadow:4px 4px 4px 4px rgb(169, 199,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 10.921, 187.269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 199, 195) }
```

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

```
.background{ background-color: rgb(169,  
199, 195) }
```

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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