

Converting Colors

CIELCh(78, 19.381, 172.688)

Have a look what the booklet for
CIELCh(78, 19.381, 172.688)
contains.

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Color

CIELCh(78, 19.225, 173.227)

Conversions

Conversions Part 1

Format	Color
Hex	9ACBBC
RGB	154, 203, 188
RGB Percent	60%, 80%, 74%
CMY	0.3961, 0.2039, 0.2627
CMYK	0.24, 0.00, 0.07, 0.20
HSL	162°, 32%, 70%
HSV	162°, 24%, 80%
XYZ	43.7588, 53.2120, 55.5410
YIQ	186.6390, -24.3890, -15.0530

Conversions

Conversions Part 2

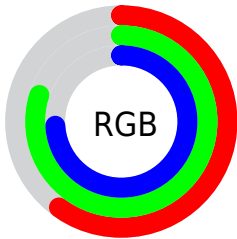
Format	Color
RYB	154, 183, 203
Decimal	10144700
CIELab	78.00, -19.09, 2.27
CIELCh	78, 19.225, 173.227
Yxy	53.2120, 0.2869, 0.3489
Android (android.graphics.Color)	4288334780 (0xFF9ACBBC)
YUV	186.6390, 0.6710, -28.6244
Hunter-Lab	72.9466, -20.5788, 5.9196

Details

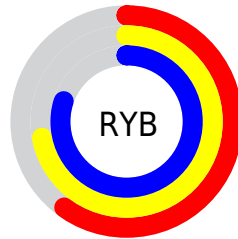
The CIELCh color **78, 19.225, 173.227** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **69, 20.595, 358.054**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 16.721, 178.650**, and **58, 19.207, 173.069** is the 20% darker color. If you saturate the color by 10%, you get **77, 26.738, 172.113**, and if you desaturate by 10%, it is **79, 11.391, 174.258**.

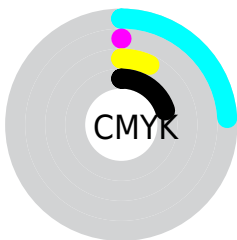
Distribution



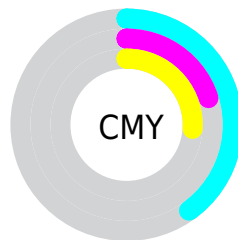
- Red (60%)
- Green (80%)
- Blue (74%)



- Red (60%)
- Yellow (72%)
- Blue (80%)



- Cyan (24%)
- Magenta (0%)
- Yellow (7%)
- Black (20%)




- Cyan (40%)
- Magenta (20%)
- Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 19.225, 173.227 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, 19.225, 173.227 by changing the saturation by 10% instead.

 78, 19.225,
173.227

 78, 19.225,
173.227

 100, 19.225,
173.227


 68, 19.225,
173.227


 98, 19.225,
173.227

 58, 19.225,
173.227

 48, 19.225,
173.227

 38, 19.225,
173.227

 28, 19.225,
173.227

 18, 19.225,
173.227

 8, 19.225, 173.227

■ 0, 19.225, 173.227

■ 78, 19.225,
173.227

■ 78, 19.225,
173.227

■ 77, 26.738,
172.113

■ 79, 11.391,
174.258

■ 76, 33.792,
170.899

■ 81, 3.355, 175.303

■ 75, 40.255,
169.558

■ 83, 4.779, 355.944

■ 85, 12.923,
356.841

■ 74, 46.005,
168.065

■ 87, 20.841,
357.421

■ 73, 50.955,
166.396

■ 87, 22.173,
349.619

■ 73, 55.069,
164.531

■ 87, 23.888,

■ 73, 58.389,
162.466

342.855

■ 73, 60.096,
161.218

■ 87, 25.908,
337.113

■ 87, 28.165,
332.288

Harmonies

Complementary

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



78, 19.225, 173.227



69, 20.595, 358.054

Rectangle

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



78, 19.225, 173.227



78, 19.225, 223.227



78, 19.225, 353.227



78, 19.225, 43.227

Sweetspot

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



78, 19.226, 173.224



99, 6.820, 174.972



78, 29.028, 134.100



52, 4.430, 174.908



0, 0.000, 0.000



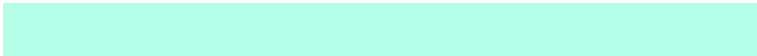
53, 0.007, 296.813

Same Dimension

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



78, 19.226, 173.224



95, 27.570, 172.652



76, 14.308, 218.349



42, 4.605, 174.735



60, 51.405, 161.563



12, 17.669, 166.892

Inverse Universe

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



69, 20.595, 358.054



81, 30.005, 358.746



70, 16.853, 37.457



40, 4.729, 356.363



35, 63.172, 20.045



4, 18.577, 4.591

Previews

White Background



This preview shows how the CIELCh color 78, 19.225, 173.227 looks on a white background.

Color Contrast Check

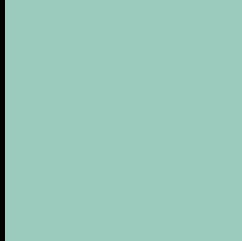
Large Text (above 18pt) WCAG AA × Fail

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 78, 19.225, 173.227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

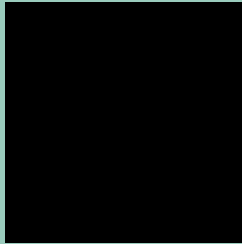
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

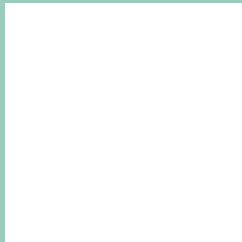
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 19.225, 173.227

Background



This preview shows how black text looks on a background with the CIELCh color 78, 19.225, 173.227.

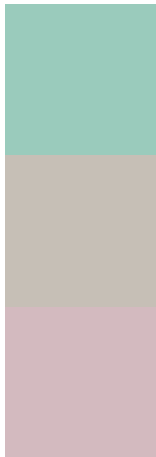


This preview shows how white text looks on a background with the CIELCh color 78, 19.225, 173.227.

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
78, 19.225, 173.227

Protanopia
78, 5.468, 80.802

Deuteranopia
78, 9.760, 4.327



Tritanopia
78, 15.615, 232.075

Trichromacy



Original Color
78, 19.225, 173.227

Protanomaly
78, 7.644, 148.597

Deuteranomaly
77, 1.300, 144.577

Tritanomaly
78, 14.819, 208.855

Monochromacy



Original Color
78, 19.225, 173.227

Achromatopsia
76, 0.009, 296.813

Achromatomaly
77, 7.359, 172.904

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 19.225, 173.227 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(154, 203, 188)` looks like.

```
.text, #text, p{  
    color:rgb(154, 203, 188)  
}
```

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(154, 203, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 203, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 19.225, 173.227 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(154, 203, 188) }
```

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

```
.border{ border-color:rgb(154, 203, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 203, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(154, 203, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(154, 203, 188); box-shadow:4px 4px 4px 4px rgb(154, 203, 188) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 19.225, 173.227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 203, 188) }
```

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

```
.background{ background-color: rgb(154,  
203, 188) }
```

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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