

Converting Colors

CIELCh(78, 14.324, 200.030)

Have a look what the booklet for
CIELCh(78, 14.324, 200.030)
contains.

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Color

CIELCh(78, 14.503, 198.355)

Conversions

Conversions Part 1

Format	Color
Hex	9FC9C9
RGB	159, 201, 201
RGB Percent	62%, 79%, 79%
CMY	0.3774, 0.2127, 0.2127
CMYK	0.21, 0.00, 0.00, 0.21
HSL	180°, 28%, 70%
HSV	180°, 21%, 79%
XYZ	45.5948, 53.2120, 62.9762
YIQ	188.4420, -25.0320, -8.9040

Conversions

Conversions Part 2

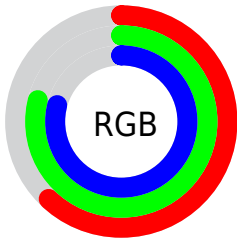
Format	Color
R_{YB}	159, 180, 201
Decimal	10471881
CIE _{Lab}	78.00, -13.77, -4.57
CIE _{LCh}	78, 14.503, 198.355
Yxy	53.2120, 0.2818, 0.3289
Android (android.graphics.Color)	4288661961 (0xFF9FC9C9)
YUV	188.4420, 6.1911, -25.8206
Hunter-Lab	72.9466, -16.0862, -0.1237

Details

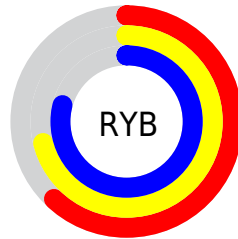
The CIELCh color **78, 14.503, 198.355** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **69, 16.639, 20.908**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 13.731, 198.590**, and **58, 14.674, 198.054** is the 20% darker color. If you saturate the color by 10%, you get **77, 20.679, 197.885**, and if you desaturate by 10%, it is **79, 7.796, 198.882**.

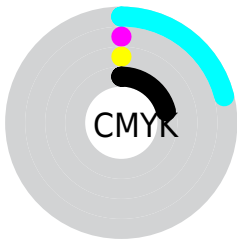
Distribution



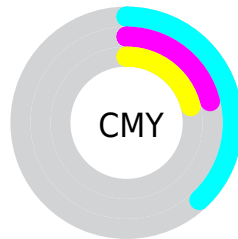
- Red (62%)
- Green (79%)
- Blue (79%)



- Red (62%)
- Yellow (71%)
- Blue (79%)



- Cyan (21%)
- Magenta (0%)
- Yellow (0%)
- Black (21%)




- Cyan (38%)
- Magenta (21%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 14.503, 198.355 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, 14.503, 198.355 by changing the saturation by 10% instead.


 78, 14.503,
198.355

 78, 14.503,
198.355


 100, 14.503,
198.355


 68, 14.503,
198.355


 98, 14.503,
198.355

 58, 14.503,
198.355

 48, 14.503,
198.355

 38, 14.503,
198.355

 28, 14.503,
198.355

 18, 14.503,
198.355

 8, 14.503, 198.355

0, 14.503, 198.355

78, 14.503,
198.355

78, 14.503,
198.355

77, 20.679,
197.885

79, 7.796, 198.882

76, 26.204,
197.481

81, 0.671, 200.175

82, 6.766, 19.838

75, 30.970,
197.139

84, 14.420, 20.476

75, 34.889,
196.862

86, 20.596, 20.971

86, 20.595, 20.969

74, 37.908,
196.651

86, 20.595, 20.968

74, 40.021,
196.505

86, 20.595, 20.966

■ 74, 41.277,
196.418

■ 86, 20.595, 20.965

■ 73, 41.856,
196.378

Harmonies

Complementary

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



78, 14.503, 198.355



69, 16.639, 20.908

Rectangle

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



78, 14.503, 198.355



78, 14.503, 248.355



78, 14.503, 18.355



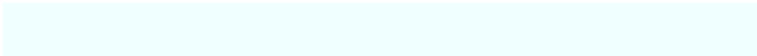
78, 14.503, 68.355

Sweetspot

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



78, 14.504, 198.349



99, 5.264, 199.193



77, 27.384, 142.688



53, 3.486, 199.145



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, 14.504, 198.349



96, 20.731, 198.136



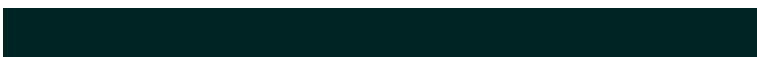
72, 13.131, 256.578



41, 4.034, 198.974



61, 35.890, 196.378



12, 12.984, 196.380

Inverse Universe

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



69, 16.639, 20.908



83, 24.560, 21.360



74, 13.958, 71.054



39, 4.279, 19.918



34, 74.642, 39.774



3, 15.885, 19.402

Previews

White Background



This preview shows how the CIELCh color 78, 14.503, 198.355 looks on a white background.

Color Contrast Check

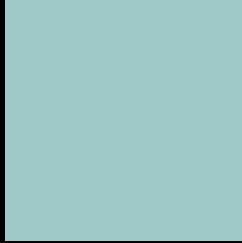
Large Text (above 18pt) WCAG AA × Fail

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, 14.503, 198.355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

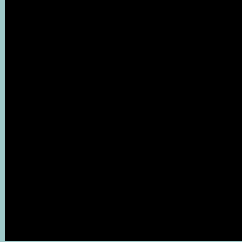
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

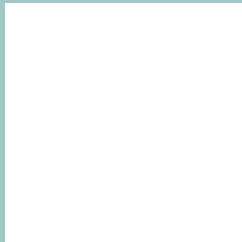
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 14.503, 198.355

Background



This preview shows how black text looks on a background with the CIELCh color 78, 14.503, 198.355.

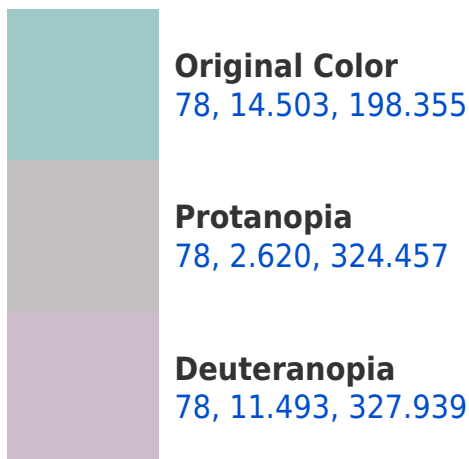


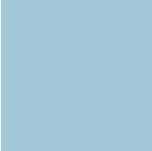
This preview shows how white text looks on a background with the CIELCh color 78, 14.503, 198.355.

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, 14.844, 234.106

Trichromacy



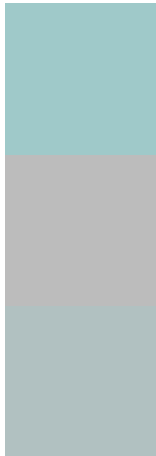
Original Color
78, 14.503, 198.355

Protanomaly
78, 4.780, 212.142

Deuteranomaly
78, 5.977, 280.373

Tritanomaly
78, 14.108, 220.956

Monochromacy



Original Color
78, 14.503, 198.355

Achromatopsia
76, 0.009, 296.813

Achromatomaly
77, 5.771, 199.048

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 14.503, 198.355 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(159, 201, 201)` looks like.

```
.text, #text, p{  
    color:rgb(159, 201, 201)  
}
```

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(159, 201, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 201, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 14.503, 198.355 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(159, 201, 201) }
```

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

```
.border{ border-color:rgb(159, 201, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 201, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 201, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 201, 201);  
box-shadow:4px 4px 4px 4px rgb(159, 201,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 14.503, 198.355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 201, 201) }
```

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

```
.background{ background-color: rgb(159,  
201, 201) }
```

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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