

Converting Colors

CIELCh(78, 19.150, 198.248)

Have a look what the booklet for
CIELCh(78, 19.150, 198.248)
contains.

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Color

CIELCh(78, 19.156, 198.015)

Conversions

Conversions Part 1

Format	Color
Hex	92CBCB
RGB	146, 203, 203
RGB Percent	57%, 80%, 80%
CMY	0.4270, 0.2034, 0.2034
CMYK	0.28, 0.00, 0.00, 0.20
HSL	180°, 35%, 68%
HSV	180°, 28%, 80%
XYZ	44.0567, 53.2120, 64.5276
YIQ	185.9570, -33.9720, -12.0840

Conversions

Conversions Part 2

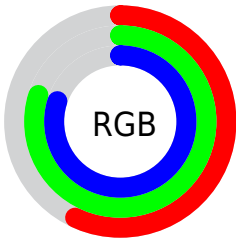
Format	Color
R _{YB}	146, 175, 203
Decimal	9620427
CIE Lab	78.00, -18.22, -5.92
CIE LCh	78, 19.156, 198.015
Yxy	53.2120, 0.2723, 0.3289
Android (android.graphics.Color)	4287810507 (0xFF92CBCB)
YUV	185.9570, 8.4022, -35.0423
Hunter-Lab	72.9466, -19.8500, -1.3846

Details

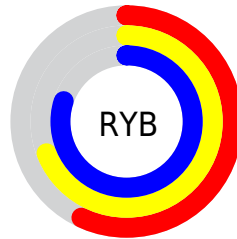
The CIELCh color **78, 19.156, 198.015** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **66, 23.160, 21.665**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 17.795, 198.327**, and **58, 19.238, 197.648** is the 20% darker color. If you saturate the color by 10%, you get **77, 24.932, 197.589**, and if you desaturate by 10%, it is **79, 12.757, 198.493**.

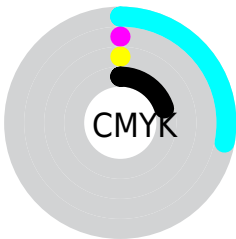
Distribution



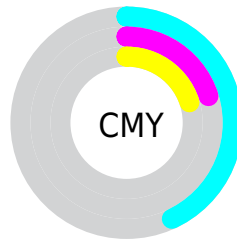
- Red (57%)
- Green (80%)
- Blue (80%)



- Red (57%)
- Yellow (69%)
- Blue (80%)



- Cyan (28%)
- Magenta (0%)
- Yellow (0%)
- Black (20%)





- Cyan (43%)
- Magenta (20%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 19.156, 198.015 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, 19.156, 198.015 by changing the saturation by 10% instead.


 78, 19.156,
198.015


 78, 19.156,
198.015


 100, 19.156,
198.015


 68, 19.156,
198.015


 98, 19.156,
198.015

 58, 19.156,
198.015

 48, 19.156,
198.015

 38, 19.156,
198.015

 28, 19.156,
198.015

 18, 19.156,
198.015

 8, 19.156, 198.015

■ 0, 19.156, 198.015

■ 78, 19.156,
198.015

■ 78, 19.156,
198.015

■ 77, 24.932,
197.589

■ 79, 12.757,
198.493

■ 76, 29.970,
197.229

■ 81, 5.854, 199.056

■ 75, 34.175,
196.934

■ 82, 1.440, 19.122

■ 84, 9.019, 20.027

■ 75, 37.482,
196.704

■ 85, 16.794, 20.656

■ 75, 39.868,
196.540

■ 86, 19.624, 20.879

■ 86, 19.624, 20.877

■ 74, 41.368,
196.437

■ 86, 19.624, 20.876

■ 74, 42.114,
196.386

■ 86, 19.624, 20.874

■ 74, 42.225,
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, 19.156, 198.015



66, 23.160, 21.665

Rectangle

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



78, 19.156, 198.015



78, 19.156, 248.015



78, 19.156, 18.015



78, 19.156, 68.015

Sweetspot

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



78, 19.156, 198.011



99, 6.985, 199.053



77, 37.083, 142.124



52, 4.945, 198.958



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, 19.156, 198.011



95, 27.212, 197.735



70, 17.682, 257.859



42, 4.119, 198.972



62, 36.302, 196.378



13, 13.514, 196.380

Inverse Universe

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



66, 23.160, 21.665



77, 34.547, 22.470



73, 19.247, 70.188



40, 4.369, 19.920



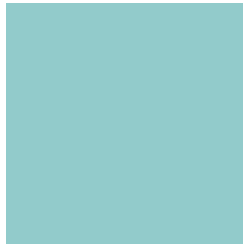
34, 75.551, 39.821



4, 17.910, 19.402

Previews

White Background



This preview shows how the CIELCh color 78, 19.156, 198.015 looks on a white background.

Color Contrast Check

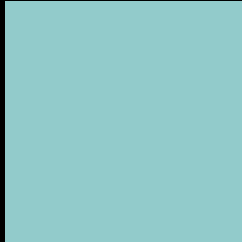
Large Text (above 18pt) WCAG AA × Fail

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, 19.156, 198.015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

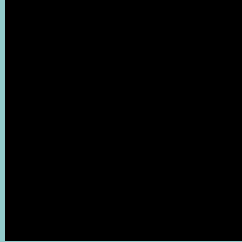
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

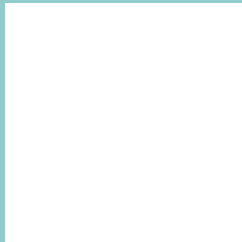
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 19.156, 198.015

Background



This preview shows how black text looks on a background with the CIELCh color 78, 19.156, 198.015.

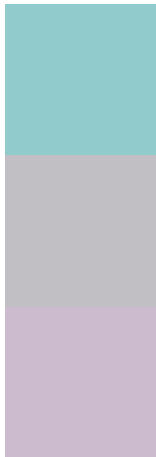


This preview shows how white text looks on a background with the CIELCh color 78, 19.156, 198.015.

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](#).

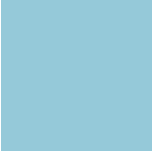
Dichromacy



Original Color
78, 19.156, 198.015

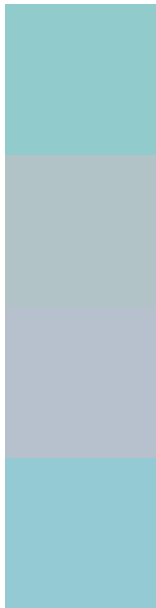
Protanopia
78, 2.916, 312.537

Deuteranopia
78, 12.421, 320.710



Tritanopia
78, 18.722, 225.753

Trichromacy



Original Color
78, 19.156, 198.015

Protanomaly
78, 6.712, 217.699

Deuteranomaly
78, 7.744, 263.686

Tritanomaly
78, 18.419, 215.216

Monochromacy



Original Color
78, 19.156, 198.015

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 7.182, 198.918

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 19.156, 198.015 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(146, 203, 203)` looks like.

```
.text, #text, p{  
    color:rgb(146, 203, 203)  
}
```

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(146, 203, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 203, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 19.156, 198.015 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(146, 203, 203) }
```

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

```
.border{ border-color:rgb(146, 203, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 203, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 203, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 203, 203);  
box-shadow:4px 4px 4px 4px rgb(146, 203,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 19.156, 198.015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 203, 203) }
```

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

```
.background{ background-color: rgb(146,  
203, 203) }
```

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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