

Converting Colors

CIELCh(78, 57.188, 168.179)

Have a look what the booklet for
CIELCh(78, 57.188, 168.179)
contains.

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Color

CIELCh(78, 57.134, 168.155)

Conversions

Conversions Part 1

Format	Color
Hex	04DAA9
RGB	4, 218, 169
RGB Percent	2%, 85%, 66%
CMY	0.9849, 0.1438, 0.3361
CMYK	0.98, 0.00, 0.22, 0.14
HSL	166°, 97%, 44%
HSV	166°, 98%, 86%
XYZ	32.3934, 53.2120, 46.2493
YIQ	148.4280, -111.8150, -60.6070

Conversions

Conversions Part 2

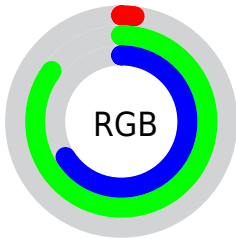
Format	Color
RYB	4, 125, 218
Decimal	318121
CIELab	78.00, -55.92, 11.73
CIELCh	78, 57.134, 168.155
Yxy	53.2120, 0.2457, 0.4036
Android (android.graphics.Color)	4278508201 (0xFF04DAA9)
YUV	148.4280, 10.1420, -126.6634
Hunter-Lab	72.9466, -48.3900, 13.4717

Details

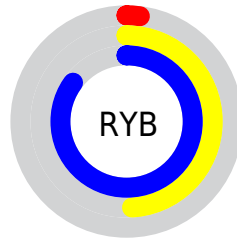
The CIELCh color **78, 57.134, 168.155** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **46, 80.656, 26.992**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 46.948, 176.402**, and **59, 48.745, 163.899** is the 20% darker color. If you saturate the color by 10%, you get **78, 57.536, 167.816**, and if you desaturate by 10%, it is **78, 54.679, 170.086**.

Distribution



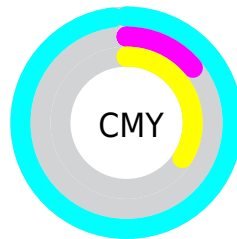
- Red (2%)
- Green (85%)
- Blue (66%)



- Red (2%)
- Yellow (49%)
- Blue (85%)



- Cyan (98%)
- Magenta (0%)
- Yellow (22%)
- Black (14%)





- Cyan (98%)
- Magenta (14%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 57.134, 168.155 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, 57.134, 168.155 by changing the saturation by 10% instead.


 78, 57.134,
168.155


 78, 57.134,
168.155


 100, 57.134,
168.155


 68, 57.134,
168.155


 98, 57.134,
168.155

 58, 57.134,
168.155

 48, 57.134,
168.155

 38, 57.134,
168.155

 28, 57.134,
168.155

 18, 57.134,
168.155

 8, 57.134, 168.155

■ 0, 57.134, 168.155

■ 78, 57.134,
168.155

■ 78, 57.134,
168.155

■ 78, 57.536,
167.816

■ 78, 54.679,
170.086

■ 79, 51.445,
171.850

■ 79, 47.310,
173.435

■ 80, 42.269,
174.860

■ 81, 36.382,
176.150

■ 82, 29.756,
177.328

■ 83, 22.521,
178.418

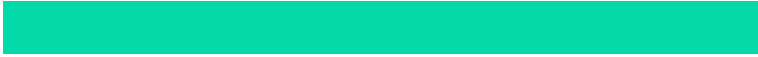
■ 84, 14.818,
179.439

■ 86, 6.782, 180.431

Harmonies

Complementary

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



78, 57.134, 168.155



46, 80.656, 26.992

Rectangle

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



78, 57.134, 168.155



78, 57.134, 218.155



78, 57.134, 348.155



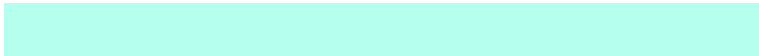
78, 57.134, 38.155

Sweetspot

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



78, 57.134, 168.154



95, 26.173, 178.311



77, 103.607, 134.264



50, 17.779, 177.848



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, 57.134, 168.154



90, 64.861, 167.626



62, 41.343, 249.410



45, 4.683, 180.310



63, 48.228, 168.151



16, 18.425, 172.041

Inverse Universe

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



46, 80.656, 26.992



54, 92.136, 28.439



50, 84.674, 45.668



43, 4.846, 1.928



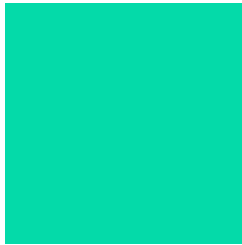
36, 68.187, 26.946



5, 23.770, 10.388

Previews

White Background



This preview shows how the CIELCh color 78, 57.134, 168.155 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, 57.134, 168.155 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

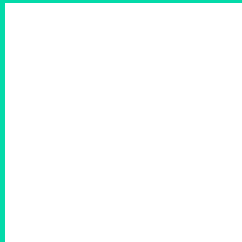
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 57.134, 168.155

Background



This preview shows how black text looks on a background with the CIELCh color 78, 57.134, 168.155.

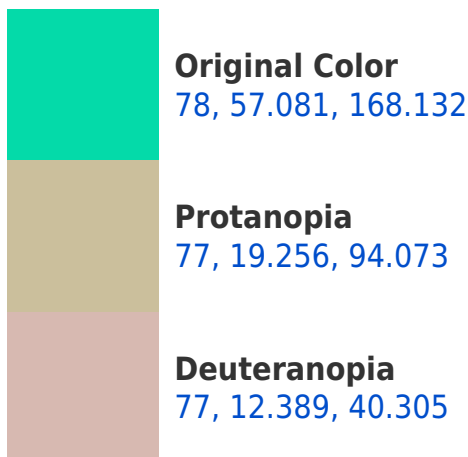


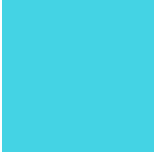
This preview shows how white text looks on a background with the CIELCh color 78, 57.134, 168.155.

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, 37.421, 211.228

Trichromacy



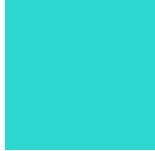
Original Color
78, 57.081, 168.132



Protanomaly
76, 33.310, 156.819



Deuteranomaly
75, 24.541, 167.131



Tritanomaly
78, 42.797, 191.340

Monochromacy



Original Color
78, 57.081, 168.132



Achromatopsia
62, 0.008, 296.813



Achromatomaly
66, 28.541, 176.471

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 57.134, 168.155 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(4, 218, 169)` looks like.

```
.text, #text, p{  
    color:rgb(4, 218, 169)  
}
```

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(4, 218, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 218, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 57.134, 168.155 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(4, 218, 169) }
```

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

```
.border{ border-color:rgb(4, 218, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 218, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 218, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 218, 169);  
box-shadow:4px 4px 4px 4px rgb(4, 218,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 57.134, 168.155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 218, 169) }
```

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

```
.background{ background-color: rgb(4, 218,  
169) }
```

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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