

Converting Colors

CIELCh(78, 55.140, 170.791)

Have a look what the booklet for
CIELCh(78, 55.140, 170.791)
contains.

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Color

CIELCh(78, 55.108, 170.875)

Conversions

Conversions Part 1

Format	Color
Hex	03DAAF
RGB	3, 218, 175
RGB Percent	1%, 85%, 69%
CMY	0.9898, 0.1454, 0.3140
CMYK	0.99, 0.00, 0.20, 0.15
HSL	168°, 98%, 43%
HSV	168°, 99%, 85%
XYZ	32.8145, 53.2120, 49.0622
YIQ	148.8130, -114.3370, -58.9530

Conversions

Conversions Part 2

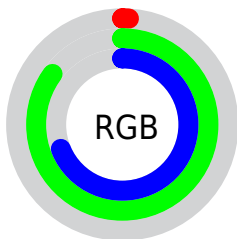
Format	Color
R _Y B	3, 122, 218
Decimal	252591
CIE Lab	78.00, -54.41, 8.74
CIE LCh	78, 55.108, 170.875
Yxy	53.2120, 0.2429, 0.3939
Android (android.graphics.Color)	4278442671 (0xFF03DAAF)
YUV	148.8130, 12.9102, -127.8780
Hunter-Lab	72.9466, -47.3596, 11.1855

Details

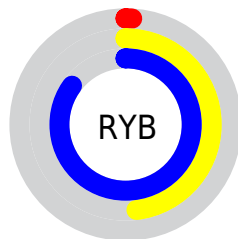
The CIELCh color **78, 55.108, 170.875** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **46, 82.349, 29.531**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 45.180, 180.537**, and **59, 46.511, 167.135** is the 20% darker color. If you saturate the color by 10%, you get **78, 55.347, 170.659**, and if you desaturate by 10%, it is **78, 52.958, 172.690**.

Distribution



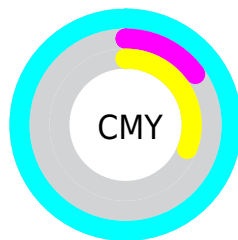
- Red (1%)
- Green (85%)
- Blue (69%)



- Red (1%)
- Yellow (48%)
- Blue (85%)



- Cyan (99%)
- Magenta (0%)
- Yellow (20%)
- Black (15%)





- Cyan (99%)
- Magenta (15%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 55.108, 170.875 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, 55.108, 170.875 by changing the saturation by 10% instead.


 78, 55.108,
170.875


 78, 55.108,
170.875


 100, 55.108,
170.875


 68, 55.108,
170.875


 98, 55.108,
170.875

 58, 55.108,
170.875

 48, 55.108,
170.875

 38, 55.108,
170.875

 28, 55.108,
170.875

 18, 55.108,
170.875

 8, 55.108, 170.875

■ 0, 55.108, 170.875

■ 78, 55.108,
170.875

■ 78, 55.108,
170.875

■ 78, 55.347,
170.659

■ 78, 52.958,
172.690

■ 79, 50.045,
174.352

■ 79, 46.227,
175.849

■ 80, 41.491,
177.200

■ 80, 35.889,
178.428

■ 81, 29.521,
179.557

■ 83, 22.515,
180.608

■ 84, 15.009,
181.600

■ 86, 7.137, 182.568

Harmonies

Complementary

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



78, 55.108, 170.875



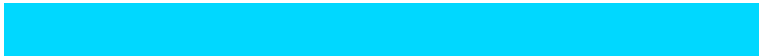
46, 82.349, 29.531

Rectangle

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



78, 55.108, 170.875



78, 55.108, 220.875



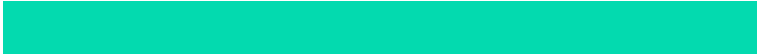
78, 55.108, 350.875



78, 55.108, 40.875

Sweetspot

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



78, 55.108, 170.874



95, 26.538, 180.459



76, 104.225, 134.719



50, 17.905, 180.016



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, 55.108, 170.874



90, 62.460, 170.479



60, 43.424, 256.141



45, 4.618, 182.506



63, 46.487, 170.972



16, 17.882, 174.593

Inverse Universe

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



46, 82.349, 29.531



53, 93.928, 30.643



51, 83.487, 47.161



43, 4.794, 4.093



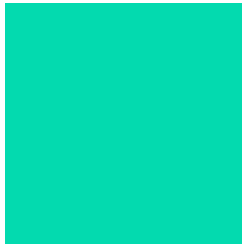
36, 69.445, 29.200



5, 23.743, 11.638

Previews

White Background



This preview shows how the CIELCh color 78, 55.108, 170.875 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, 55.108, 170.875 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

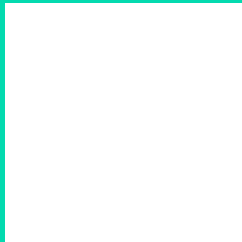
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 55.108, 170.875

Background



This preview shows how black text looks on a background with the CIELCh color 78, 55.108, 170.875.

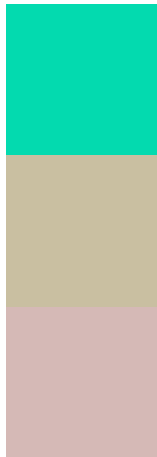


This preview shows how white text looks on a background with the CIELCh color 78, 55.108, 170.875.

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, 55.108, 170.875

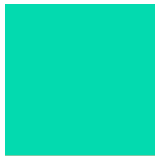
Protanopia
77, 16.474, 94.845

Deuteranopia
77, 10.832, 28.680



Tritanopia
78, 37.671, 211.116

Trichromacy



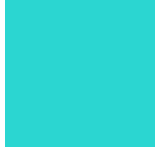
Original Color
78, 55.108, 170.875



Protanomaly
76, 31.957, 160.945



Deuteranomaly
75, 23.624, 173.256



Tritanomaly
78, 42.626, 192.799

Monochromacy



Original Color
78, 55.108, 170.875



Achromatopsia
62, 0.008, 296.813



Achromatomaly
66, 28.015, 178.519

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 55.108, 170.875 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(3, 218, 175)` looks like.

```
.text, #text, p{  
    color:rgb(3, 218, 175)  
}
```

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(3, 218, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 218, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 55.108, 170.875 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(3, 218, 175) }
```

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

```
.border{ border-color:rgb(3, 218, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 218, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 218, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 218, 175);  
box-shadow:4px 4px 4px 4px rgb(3, 218,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 55.108, 170.875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 218, 175) }
```

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

```
.background{ background-color: rgb(3, 218,  
175) }
```

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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