

Converting Colors

CIELCh(79, 51.026, 178.120)

Have a look what the booklet for
CIELCh(79, 51.026, 178.120)
contains.

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Color

CIELCh(79, 51.053, 178.128)

Conversions

Conversions Part 1

Format	Color
Hex	05DCBF
RGB	5, 220, 191
RGB Percent	2%, 86%, 75%
CMY	0.9822, 0.1376, 0.2513
CMYK	0.98, 0.00, 0.13, 0.14
HSL	172°, 96%, 44%
HSV	172°, 98%, 86%
XYZ	35.0219, 54.9284, 57.9993
YIQ	152.4090, -118.8310, -54.5990

Conversions

Conversions Part 2

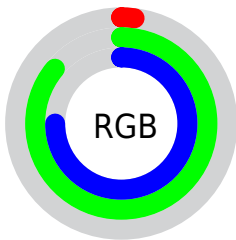
Format	Color
RYB	5, 120, 220
Decimal	384191
CIELab	79.00, -51.03, 1.67
CIELCh	79, 51.053, 178.128
Yxy	54.9284, 0.2367, 0.3713
Android (android.graphics.Color)	4278574271 (0xFF05DCBF)
YUV	152.4090, 19.0254, -129.2777
Hunter-Lab	74.1137, -45.3501, 5.4809

Details

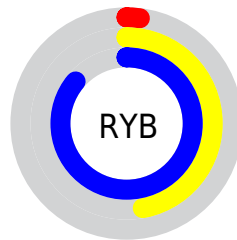
The CIELCh color **79, 51.053, 178.128** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **46, 86.055, 33.610**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 41.620, 191.085**, and **60, 42.337, 175.418** is the 20% darker color. If you saturate the color by 10%, you get **79, 51.346, 177.829**, and if you desaturate by 10%, it is **79, 49.431, 179.560**.

Distribution



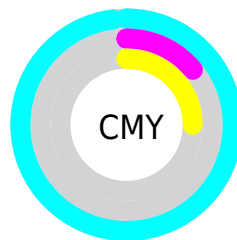
- Red (2%)
- Green (86%)
- Blue (75%)



- Red (2%)
- Yellow (47%)
- Blue (86%)



- Cyan (98%)
- Magenta (0%)
- Yellow (13%)
- Black (14%)





- Cyan (98%)
- Magenta (14%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 51.053, 178.128 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 79, 51.053, 178.128 by changing the saturation by 10% instead.


 79, 51.053,
178.128


 79, 51.053,
178.128


 100, 51.053,
178.128


 69, 51.053,
178.128


 99, 51.053,
178.128

 59, 51.053,
178.128

 49, 51.053,
178.128

 39, 51.053,
178.128

 29, 51.053,
178.128

 19, 51.053,
178.128

 9, 51.053, 178.128

■ 0, 51.053, 178.128

■ 79, 51.053,
178.128

■ 79, 51.053,
178.128

■ 79, 51.346,
177.829

■ 79, 49.431,
179.560

■ 80, 46.992,
180.867

■ 80, 43.617,
182.056

■ 81, 39.290,
183.146

■ 81, 34.059,
184.158

■ 82, 28.019,
185.111

■ 84, 21.293,
186.021

■ 85, 14.016,
186.904

■ 86, 6.321, 187.794

Harmonies

Complementary

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



79, 51.053, 178.128



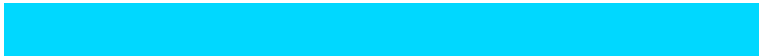
46, 86.055, 33.610

Rectangle

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



79, 51.053, 178.128



79, 51.053, 228.128



79, 51.053, 358.128



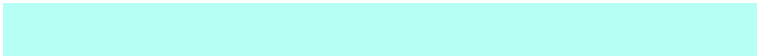
79, 51.053, 48.128

Sweetspot

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



79, 51.053, 178.127



95, 24.829, 185.905



77, 105.431, 135.233



50, 16.816, 185.516



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 51.053, 178.127



90, 57.497, 177.696



57, 47.421, 264.461



45, 4.498, 187.656



64, 42.890, 178.084



16, 16.765, 180.889

Inverse Universe

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



46, 86.055, 33.610



53, 98.108, 34.907



53, 81.250, 49.936



43, 4.703, 9.120



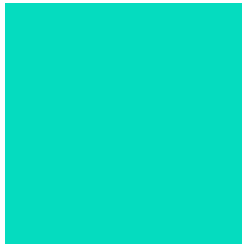
36, 72.483, 33.664



5, 23.721, 14.451

Previews

White Background



This preview shows how the CIE LCh color 79, 51.053, 178.128 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 79, 51.053, 178.128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

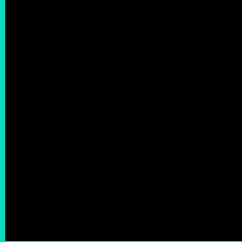
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

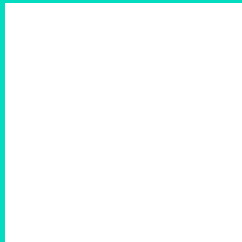
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 51.053, 178.128

Background



This preview shows how black text looks on a background with the CIELCh color 79, 51.053, 178.128.

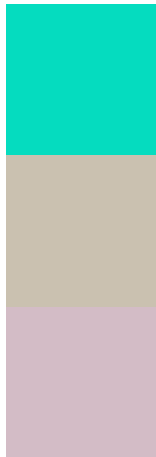


This preview shows how white text looks on a background with the CIELCh color 79, 51.053, 178.128.

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

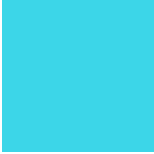
79, 51.053, 178.128

Protanopia

78, 9.682, 88.452

Deuteranopia

78, 10.077, 348.250



Tritanopia
79, 38.888, 211.411

Trichromacy



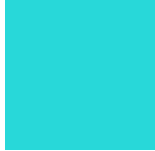
Original Color
79, 51.053, 178.128



Protanomaly
77, 27.961, 172.234



Deuteranomaly
76, 21.760, 190.634

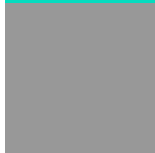


Tritanomaly
79, 42.301, 197.250

Monochromacy



Original Color
79, 51.053, 178.128



Achromatopsia
63, 0.008, 296.813



Achromatomaly
67, 27.087, 184.131

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 51.053, 178.128 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(5, 220, 191)` looks like.

```
.text, #text, p{  
    color:rgb(5, 220, 191)  
}
```

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(5, 220, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 220, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 51.053, 178.128 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(5, 220, 191) }
```

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

```
.border{ border-color:rgb(5, 220, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 220, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 220, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 220, 191);  
box-shadow:4px 4px 4px 4px rgb(5, 220,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 51.053, 178.128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 220, 191) }
```

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

```
.background{ background-color: rgb(5, 220,  
191) }
```

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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