

Converting Colors

CIELCh(79, 51.895, 177.157)

Have a look what the booklet for
CIELCh(79, 51.895, 177.157)
contains.

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Color

CIELCh(79, 51.756, 177.086)

Conversions

Conversions Part 1

Format	Color
Hex	01DCBD
RGB	1, 220, 189
RGB Percent	0%, 86%, 74%
CMY	0.9973, 0.1368, 0.2584
CMYK	1.00, 0.00, 0.14, 0.14
HSL	172°, 99%, 43%
HSV	172°, 100%, 86%
XYZ	34.8278, 54.9284, 56.9715
YIQ	150.9850, -120.5730, -56.0690

Conversions

Conversions Part 2

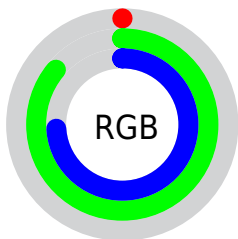
Format	Color
RYB	1, 119, 220
Decimal	122045
CIELab	79.00, -51.69, 2.63
CIELCh	79, 51.756, 177.086
Yxy	54.9284, 0.2374, 0.3744
Android (android.graphics.Color)	4278312125 (0xFF01DCBD)
YUV	150.9850, 18.7414, -131.5368
Hunter-Lab	74.1137, -45.8175, 6.3031

Details

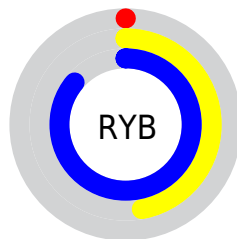
The CIELCh color **79, 51.756, 177.086** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **46, 86.817, 33.963**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 42.129, 189.690**, and **60, 42.978, 174.081** is the 20% darker color. If you saturate the color by 10%, you get **79, 51.803, 177.038**, and if you desaturate by 10%, it is **79, 50.163, 178.576**.

Distribution



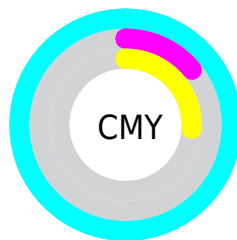
- Red (0%)
- Green (86%)
- Blue (74%)



- Red (0%)
- Yellow (47%)
- Blue (86%)



- Cyan (100%)
- Magenta (0%)
- Yellow (14%)
- Black (14%)





- Cyan (100%)
- Magenta (14%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 51.756, 177.086 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, 51.756, 177.086 by changing the saturation by 10% instead.


 79, 51.756,
177.086

 79, 51.756,
177.086


 100, 51.756,
177.086


 69, 51.756,
177.086


 99, 51.756,
177.086

 59, 51.756,
177.086

 49, 51.756,
177.086

 39, 51.756,
177.086

 29, 51.756,
177.086

 19, 51.756,
177.086

 9, 51.756, 177.086

■ 0, 51.756, 177.086

■ 79, 51.756,
177.086

■ 79, 51.756,
177.086

■ 79, 51.803,
177.038

■ 79, 50.163,
178.576

■ 79, 47.824,
179.949

■ 80, 44.560,
181.194

■ 81, 40.343,
182.331

■ 81, 35.213,
183.381

■ 82, 29.259,
184.365

■ 83, 22.601,
185.298

■ 85, 15.373,
186.198

■ 86, 7.712, 187.092

Harmonies

Complementary

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



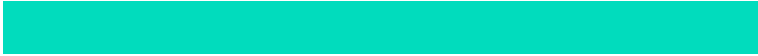
79, 51.756, 177.086



46, 86.817, 33.963

Rectangle

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



79, 51.756, 177.086



79, 51.756, 227.086



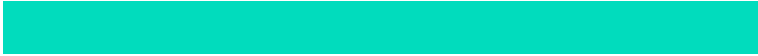
79, 51.756, 357.086



79, 51.756, 47.086

Sweetspot

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



79, 51.756, 177.085



95, 25.695, 185.247



77, 105.993, 135.255



50, 17.304, 184.854



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, 51.756, 177.085



90, 57.974, 176.901



57, 48.059, 265.335



45, 4.509, 187.115



64, 43.235, 177.302



16, 16.872, 180.206

Inverse Universe

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



46, 86.817, 33.963



53, 97.686, 34.519



53, 82.453, 49.676



43, 4.711, 8.595



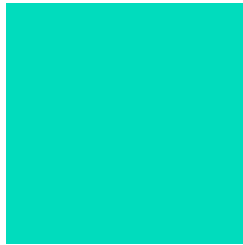
36, 72.168, 33.249



5, 23.721, 14.162

Previews

White Background



This preview shows how the CIELCh color 79, 51.756, 177.086 looks on a white background.

Color Contrast Check

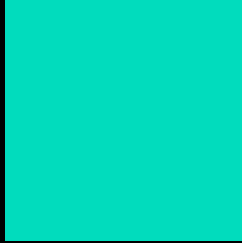
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 79, 51.756, 177.086 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

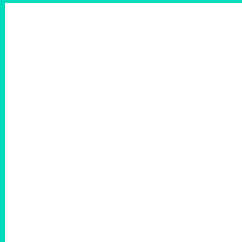
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 51.756, 177.086

Background



This preview shows how black text looks on a background with the CIELCh color 79, 51.756, 177.086.

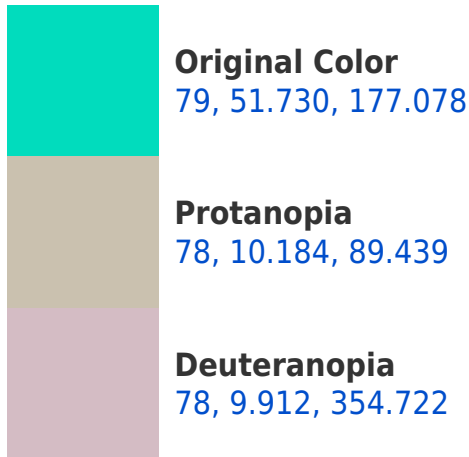


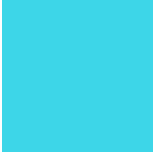
This preview shows how white text looks on a background with the CIELCh color 79, 51.756, 177.086.

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
79, 38.779, 211.460

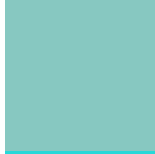
Trichromacy



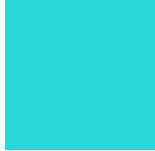
Original Color
79, 51.730, 177.078



Protanomaly
76, 28.516, 171.519

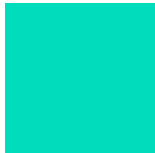


Deuteranomaly
76, 22.343, 187.966

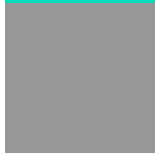


Tritanomaly
79, 42.514, 196.497

Monochromacy



Original Color
79, 51.730, 177.078



Achromatopsia
62, 0.008, 296.813



Achromatomaly
67, 27.344, 184.209

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 51.756, 177.086 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(1, 220, 189)` looks like.

```
.text, #text, p{  
    color:rgb(1, 220, 189)  
}
```

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(1, 220, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 220, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 51.756, 177.086 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(1, 220, 189) }
```

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

```
.border{ border-color:rgb(1, 220, 189) }
```

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

Here you see how a box with a 4 pixel rgb(1, 220, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 220, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 220, 189);  
box-shadow:4px 4px 4px 4px rgb(1, 220,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 51.756, 177.086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 220, 189) }
```

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

```
.background{ background-color: rgb(1, 220,  
189) }
```

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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