

Converting Colors

CIELCh(79, 54.596, 170.501)

Have a look what the booklet for
CIELCh(79, 54.596, 170.501)
contains.

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Color

CIELCh(79, 54.844, 170.271)

Conversions

Conversions Part 1

Format	Color
Hex	1CDDDB1
RGB	28, 221, 177
RGB Percent	11%, 87%, 69%
CMY	0.8901, 0.1347, 0.3072
CMYK	0.87, 0.00, 0.20, 0.13
HSL	166°, 77%, 49%
HSV	166°, 87%, 87%
XYZ	34.1414, 54.9284, 50.2189
YIQ	158.2770, -100.9040, -54.6000

Conversions

Conversions Part 2

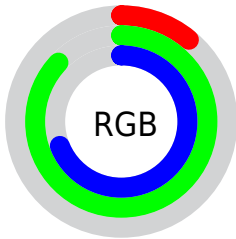
Format	Color
RYB	28, 137, 221
Decimal	1891761
CIELab	79.00, -54.06, 9.27
CIELCh	79, 54.844, 170.271
Yxy	54.9284, 0.2451, 0.3943
Android (android.graphics.Color)	4280081841 (0xFF1CDDDB1)
YUV	158.2770, 9.2304, -114.2529
Hunter-Lab	74.1137, -47.4706, 11.7051

Details

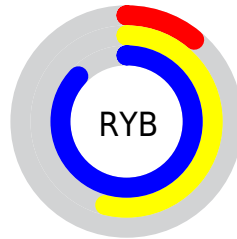
The CIELCh color **79, 54.844, 170.271** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **48, 75.483, 21.184**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 43.412, 181.408**, and **60, 47.632, 166.402** is the 20% darker color. If you saturate the color by 10%, you get **79, 57.368, 168.346**, and if you desaturate by 10%, it is **79, 51.505, 172.018**.

Distribution



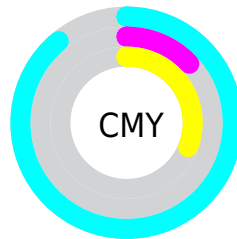
- Red (11%)
- Green (87%)
- Blue (69%)



- Red (11%)
- Yellow (54%)
- Blue (87%)



- Cyan (87%)
- Magenta (0%)
- Yellow (20%)
- Black (13%)





- Cyan (89%)
- Magenta (13%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 54.844, 170.271 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, 54.844, 170.271 by changing the saturation by 10% instead.


 79, 54.844,
170.271


 79, 54.844,
170.271


 100, 54.844,
170.271


 69, 54.844,
170.271


 99, 54.844,
170.271

 59, 54.844,
170.271

 49, 54.844,
170.271

 39, 54.844,
170.271

 29, 54.844,
170.271

 19, 54.844,
170.271

 9, 54.844, 170.271

■ 0, 54.844, 170.271

■ 79, 54.844,
170.271

■ 79, 54.844,
170.271

■ 79, 57.368,
168.346

■ 79, 51.505,
172.018

■ 79, 57.988,
167.822

■ 80, 47.254,
173.588

■ 81, 42.091,
175.001

■ 81, 36.082,
176.279

■ 82, 29.338,
177.449

■ 84, 21.992,
178.532

■ 85, 14.188,
179.549

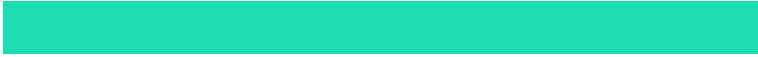
■ 87, 6.059, 180.544

■ 88, 2.274, 1.113

Harmonies

Complementary

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



79, 54.844, 170.271



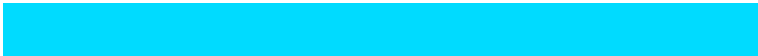
48, 75.483, 21.184

Rectangle

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



79, 54.844, 170.271



79, 54.844, 220.271



79, 54.844, 350.271



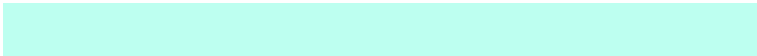
79, 54.844, 40.271

Sweetspot

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



79, 54.844, 170.270



95, 23.613, 178.644



78, 99.980, 133.784



50, 15.888, 178.277



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, 54.844, 170.270



90, 64.843, 167.646



65, 39.643, 244.383



45, 4.682, 180.327



63, 48.215, 168.171



16, 18.421, 172.059

Inverse Universe

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



48, 75.483, 21.184



54, 92.149, 28.456



53, 76.985, 46.408



43, 4.846, 1.944



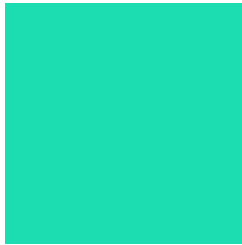
36, 68.196, 26.963



5, 23.770, 10.398

Previews

White Background



This preview shows how the CIELCh color 79, 54.844, 170.271 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, 54.844, 170.271 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

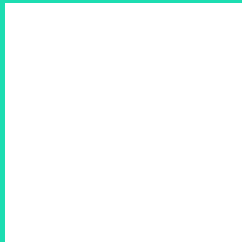
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 54.844, 170.271

Background



This preview shows how black text looks on a background with the CIELCh color 79, 54.844, 170.271.

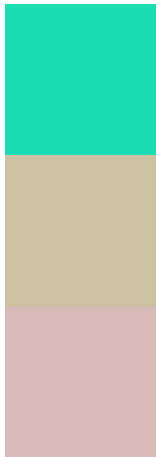


This preview shows how white text looks on a background with the CIELCh color 79, 54.844, 170.271.

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](#).

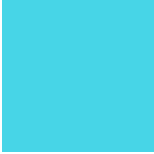
Dichromacy



Original Color
79, 54.902, 170.295

Protanopia
78, 16.542, 93.536

Deuteranopia
78, 11.194, 28.410



Tritanopia
79, 37.398, 212.098

Trichromacy



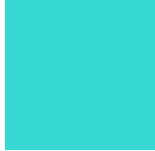
Original Color
79, 54.902, 170.295



Protanomaly
77, 29.635, 157.986



Deuteranomaly
76, 20.713, 169.936

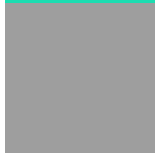


Tritanomaly
79, 41.788, 192.809

Monochromacy



Original Color
79, 54.902, 170.295



Achromatopsia
65, 0.008, 296.813



Achromatomaly
69, 25.840, 177.332

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 54.844, 170.271 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(28, 221, 177)` looks like.

```
.text, #text, p{  
    color:rgb(28, 221, 177)  
}
```

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(28, 221, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 221, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 54.844, 170.271 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(28, 221, 177) }
```

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

```
.border{ border-color:rgb(28, 221, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 221, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 221, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 221, 177);  
box-shadow:4px 4px 4px 4px rgb(28, 221,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 54.844, 170.271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 221, 177) }
```

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

```
.background{ background-color: rgb(28, 221,  
177) }
```

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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