

Converting Colors

CIELCh(79, 54.930, 170.909)

Have a look what the booklet for
CIELCh(79, 54.930, 170.909)
contains.

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Color

CIELCh(79, 54.973, 170.926)

Conversions

Conversions Part 1

Format	Color
Hex	13DDB2
RGB	19, 221, 178
RGB Percent	7%, 87%, 70%
CMY	0.9250, 0.1343, 0.3029
CMYK	0.91, 0.00, 0.19, 0.13
HSL	167°, 84%, 47%
HSV	167°, 91%, 87%
XYZ	34.0752, 54.9284, 50.8044
YIQ	155.7000, -106.5890, -56.1970

Conversions

Conversions Part 2

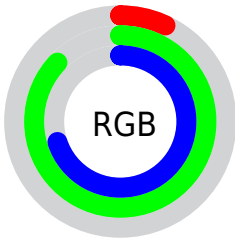
Format	Color
RYB	19, 132, 221
Decimal	1301938
CIELab	79.00, -54.29, 8.67
CIELCh	79, 54.973, 170.926
Yxy	54.9284, 0.2437, 0.3929
Android (android.graphics.Color)	4279492018 (0xFF13DDB2)
YUV	155.7000, 10.9939, -119.8859
Hunter-Lab	74.1137, -47.6300, 11.2367

Details

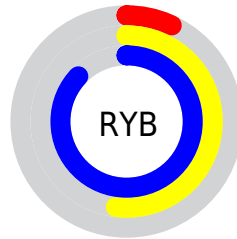
The CIELCh color **79, 54.973, 170.926** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **47, 78.394, 24.523**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 43.753, 182.209**, and **60, 47.266, 166.950** is the 20% darker color. If you saturate the color by 10%, you get **79, 56.884, 169.287**, and if you desaturate by 10%, it is **79, 52.127, 172.690**.

Distribution



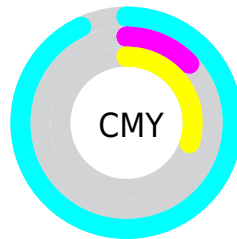
- Red (7%)
- Green (87%)
- Blue (70%)



- Red (7%)
- Yellow (52%)
- Blue (87%)



- Cyan (91%)
- Magenta (0%)
- Yellow (19%)
- Black (13%)



- Cyan (93%)
- Magenta (13%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 54.973, 170.926 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, 54.973, 170.926 by changing the saturation by 10% instead.


 79, 54.973,
170.926


 79, 54.973,
170.926


 100, 54.973,
170.926

 69, 54.973,
170.926

 99, 54.973,
170.926

 59, 54.973,
170.926

 49, 54.973,
170.926

 39, 54.973,
170.926

 29, 54.973,
170.926

 19, 54.973,
170.926

 9, 54.973, 170.926

■ 0, 54.973, 170.926

■ 79, 54.973,
170.926

■ 79, 54.973,
170.926

■ 79, 56.884,
169.287

■ 79, 52.127,
172.690

■ 80, 48.387,
174.280

■ 80, 43.720,
175.710

■ 81, 38.165,
177.004

■ 82, 31.816,
178.186

■ 83, 24.797,
179.278

■ 85, 17.249,
180.301

■ 86, 9.309, 181.283

■ 88, 1.105, 182.623

Harmonies

Complementary

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



79, 54.973, 170.926



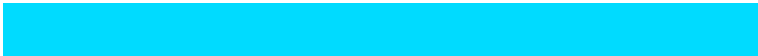
47, 78.394, 24.523

Rectangle

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



79, 54.973, 170.926



79, 54.973, 220.926



79, 54.973, 350.926



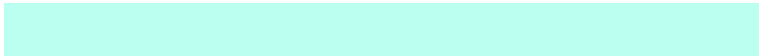
79, 54.973, 40.926

Sweetspot

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



79, 54.973, 170.925



95, 24.247, 179.707



78, 102.351, 134.184



50, 16.210, 179.349



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, 54.973, 170.925



90, 63.572, 169.118



63, 41.203, 249.367



45, 4.648, 181.470



63, 47.293, 169.626



16, 18.133, 173.380

Inverse Universe

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



47, 78.394, 24.523



54, 93.077, 29.632



52, 79.788, 47.127



43, 4.818, 3.073



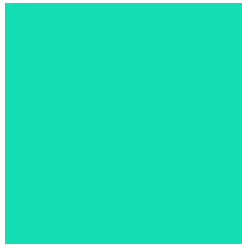
36, 68.845, 28.163



5, 23.755, 11.054

Previews

White Background



This preview shows how the CIELCh color 79, 54.973, 170.926 looks on a white background.

Color Contrast Check

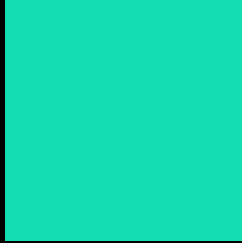
Large Text (above 18pt) WCAG AA × Fail

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, 54.973, 170.926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

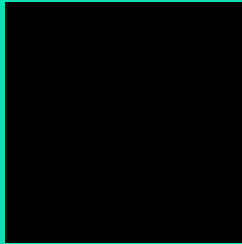
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

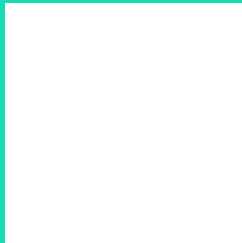
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 54.973, 170.926

Background



This preview shows how black text looks on a background with the CIELCh color 79, 54.973, 170.926.

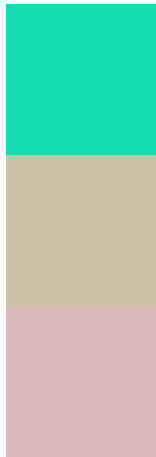


This preview shows how white text looks on a background with the CIELCh color 79, 54.973, 170.926.

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](#).

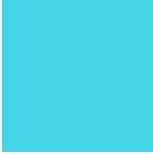
Dichromacy



Original Color
79, 55.015, 170.943

Protanopia
78, 16.028, 93.116

Deuteranopia
78, 11.107, 25.724

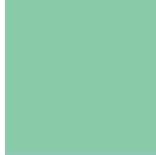


Tritanopia
79, 37.957, 210.973

Trichromacy



Original Color
79, 55.015, 170.943



Protanomaly
77, 30.031, 159.816



Deuteranomaly
76, 21.592, 172.647



Tritanomaly
79, 42.149, 193.557

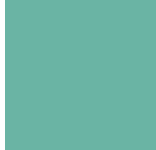
Monochromacy



Original Color
79, 55.015, 170.943



Achromatopsia
64, 0.008, 296.813



Achromatomaly
68, 26.924, 178.033

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 54.973, 170.926 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(19, 221, 178)` looks like.

```
.text, #text, p{  
    color:rgb(19, 221, 178)  
}
```

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(19, 221, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 221, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 54.973, 170.926 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(19, 221, 178) }
```

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

```
.border{ border-color:rgb(19, 221, 178) }
```

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

Here you see how a box with a 4 pixel rgb(19, 221, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 221, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 221, 178);  
box-shadow:4px 4px 4px 4px rgb(19, 221,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 54.973, 170.926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 221, 178) }
```

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

```
.background{ background-color: rgb(19, 221,  
178) }
```

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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