

Converting Colors

CIELCh(79, 54.719, 170.243)

Have a look what the booklet for
CIELCh(79, 54.719, 170.243)
contains.

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Color

CIELCh(79, 54.785, 170.246)

Conversions

Conversions Part 1

Format	Color
Hex	1DDDB1
RGB	29, 221, 177
RGB Percent	11%, 87%, 69%
CMY	0.8863, 0.1348, 0.3073
CMYK	0.87, 0.00, 0.20, 0.13
HSL	166°, 77%, 49%
HSV	166°, 87%, 87%
XYZ	34.1593, 54.9284, 50.2057
YIQ	158.5760, -100.3080, -54.3880

Conversions

Conversions Part 2

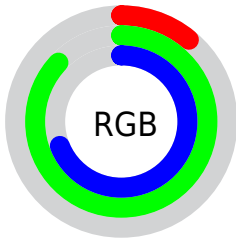
Format	Color
RYB	29, 137, 221
Decimal	1957297
CIELab	79.00, -53.99, 9.28
CIELCh	79, 54.785, 170.246
Yxy	54.9284, 0.2452, 0.3943
Android (android.graphics.Color)	4280147377 (0xFF1DDDB1)
YUV	158.5760, 9.0830, -113.6382
Hunter-Lab	74.1137, -47.4275, 11.7157

Details

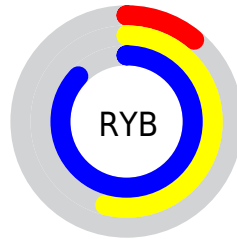
The CIELCh color **79, 54.785, 170.246** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **48, 75.185, 20.868**, and the grayscale version is **65, 0.008, 296.813**.

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, 57.348, 168.322**, and if you desaturate by 10%, it is **79, 51.397, 171.989**.

Distribution



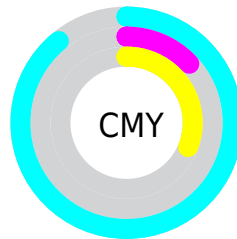
- Red (11%)
- Green (87%)
- Blue (69%)



- 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, 54.785, 170.246 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, 54.785, 170.246 by changing the saturation by 10% instead.

 79, 54.785,
170.246

 79, 54.785,
170.246

 100, 54.785,
170.246


 69, 54.785,
170.246

 99, 54.785,
170.246

 59, 54.785,
170.246

 49, 54.785,
170.246

 39, 54.785,
170.246

 29, 54.785,
170.246

 19, 54.785,
170.246

 9, 54.785, 170.246

■ 0, 54.785, 170.246

■ 79, 54.785,
170.246

■ 79, 54.785,
170.246

■ 79, 57.348,
168.322

■ 79, 51.397,
171.989

■ 79, 58.071,
167.712

■ 80, 47.094,
173.555

■ 81, 41.883,
174.964

■ 81, 35.831,
176.240

■ 83, 29.049,
177.407

■ 84, 21.674,
178.488

■ 85, 13.846,
179.504

■ 87, 5.701, 180.502

■ 89, 2.641, 1.097

Harmonies

Complementary

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



79, 54.785, 170.246



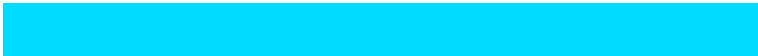
48, 75.185, 20.868

Rectangle

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



79, 54.785, 170.246



79, 54.785, 220.246



79, 54.785, 350.246



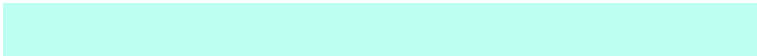
79, 54.785, 40.246

Sweetspot

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



79, 54.785, 170.245



95, 23.629, 178.555



78, 99.731, 133.774



50, 15.900, 178.188



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, 54.785, 170.245



90, 64.942, 167.535



65, 39.551, 244.196



45, 4.685, 180.239



63, 48.287, 168.061



16, 18.444, 171.959

Inverse Universe

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



48, 75.185, 20.868



54, 92.079, 28.364



53, 76.583, 46.417



43, 4.848, 1.858



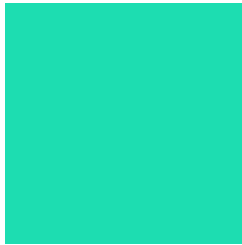
36, 68.148, 26.869



5, 23.771, 10.346

Previews

White Background



This preview shows how the CIE LCh color 79, 54.785, 170.246 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, 54.785, 170.246 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

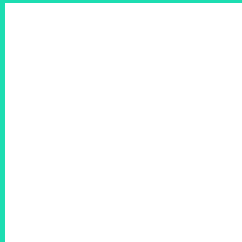
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 54.785, 170.246

Background



This preview shows how black text looks on a background with the CIELCh color 79, 54.785, 170.246.

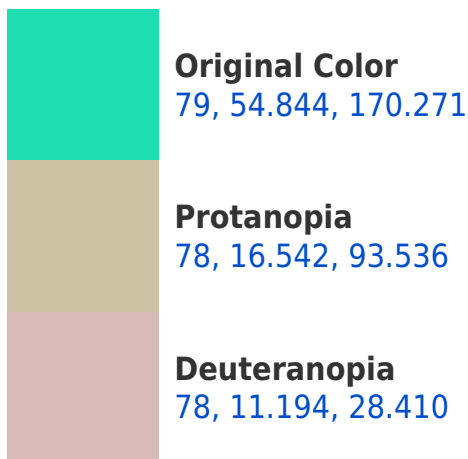


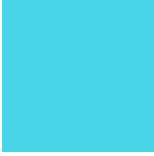
This preview shows how white text looks on a background with the CIELCh color 79, 54.785, 170.246.

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, 37.398, 212.098

Trichromacy



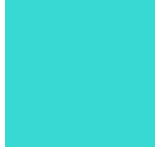
Original Color
79, 54.844, 170.271



Protanomaly
77, 29.635, 157.986



Deuteranomaly
76, 20.713, 169.936



Tritanomaly
79, 41.677, 192.807

Monochromacy



Original Color
79, 54.844, 170.271



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, 54.785, 170.246 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(29, 221, 177)` looks like.

```
.text, #text, p{  
    color:rgb(29, 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(29, 221, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 221, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 54.785, 170.246 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(29, 221, 177) }
```

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

```
.border{ border-color:rgb(29, 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(29, 221, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 221, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 221, 177);  
box-shadow:4px 4px 4px 4px rgb(29, 221,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 54.785, 170.246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 221, 177) }
```

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

```
.background{ background-color: rgb(29, 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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