

Converting Colors

CIELCh(79, 51.511, 174.508)

Have a look what the booklet for
CIELCh(79, 51.511, 174.508)
contains.

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Color

CIELCh(79, 51.553, 174.517)

Conversions

Conversions Part 1

Format	Color
Hex	22DCB9
RGB	34, 220, 185
RGB Percent	13%, 86%, 73%
CMY	0.8681, 0.1379, 0.2751
CMYK	0.85, 0.00, 0.16, 0.14
HSL	169°, 73%, 50%
HSV	169°, 85%, 86%
XYZ	34.9366, 54.9284, 54.5724
YIQ	160.3960, -99.6210, -50.3170

Conversions

Conversions Part 2

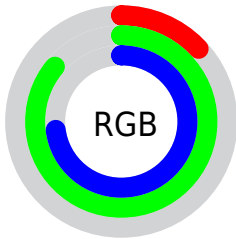
Format	Color
RYB	34, 137, 220
Decimal	2284729
CIELab	79.00, -51.32, 4.93
CIELCh	79, 51.553, 174.517
Yxy	54.9284, 0.2419, 0.3803
Android (android.graphics.Color)	4280474809 (0xFF22DCB9)
YUV	160.3960, 12.1298, -110.8493
Hunter-Lab	74.1137, -45.5556, 8.2224

Details

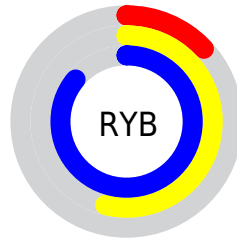
The CIELCh color **79, 51.553, 174.517** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle washed spring green. A complement of this color would be **48, 74.996, 23.158**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 41.348, 186.678**, and **60, 44.309, 171.519** is the 20% darker color. If you saturate the color by 10%, you get **79, 53.877, 172.806**, and if you desaturate by 10%, it is **79, 48.362, 176.061**.

Distribution



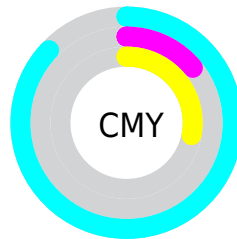
- Red (13%)
- Green (86%)
- Blue (73%)



- Red (13%)
- Yellow (54%)
- Blue (86%)



- Cyan (85%)
- Magenta (0%)
- Yellow (16%)
- Black (14%)





- Cyan (87%)
- Magenta (14%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 51.553, 174.517 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, 51.553, 174.517 by changing the saturation by 10% instead.


 79, 51.553,
174.517


 79, 51.553,
174.517


 100, 51.553,
174.517


 69, 51.553,
174.517


 99, 51.553,
174.517

 59, 51.553,
174.517

 49, 51.553,
174.517

 39, 51.553,
174.517

 29, 51.553,
174.517

 19, 51.553,
174.517

 9, 51.553, 174.517

0, 51.553, 174.517

79, 51.553,
174.517

79, 51.553,
174.517

79, 53.877,
172.806

79, 48.362,
176.061

79, 54.882,
171.864

80, 44.240,
177.453

81, 39.201,
178.716

82, 33.319,
179.872

83, 26.707,
180.943

84, 19.498,
181.950

■ 85, 11.831,
182.912

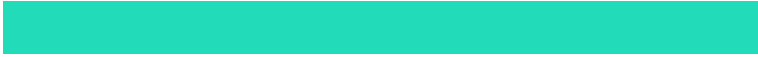
■ 87, 3.836, 183.908

■ 89, 4.368, 4.501

Harmonies

Complementary

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



79, 51.553, 174.517



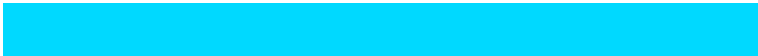
48, 74.996, 23.158

Rectangle

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



79, 51.553, 174.517



79, 51.553, 224.517



79, 51.553, 354.517



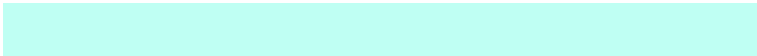
79, 51.553, 44.517

Sweetspot

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



79, 51.553, 174.516



96, 22.229, 181.900



78, 98.926, 134.327



50, 15.040, 181.549



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, 51.553, 174.516



90, 61.514, 171.700



63, 40.273, 249.377



45, 4.594, 183.416



63, 45.801, 172.177



16, 17.669, 175.673

Inverse Universe

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



48, 74.996, 23.158



53, 94.680, 31.489



55, 73.150, 48.512



43, 4.775, 4.986



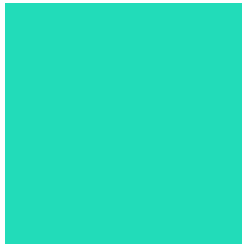
36, 69.980, 30.073



5, 23.735, 12.145

Previews

White Background



This preview shows how the CIELCh color 79, 51.553, 174.517 looks on a white background.

Color Contrast Check

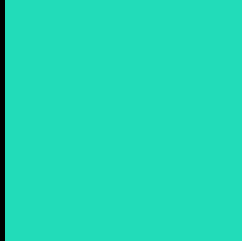
Large Text (above 18pt) WCAG AA × Fail

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, 51.553, 174.517 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, 51.553, 174.517

Background



This preview shows how black text looks on a background with the CIELCh color 79, 51.553, 174.517.

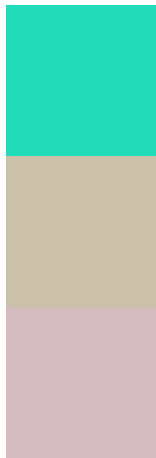


This preview shows how white text looks on a background with the CIELCh color 79, 51.553, 174.517.

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](#).

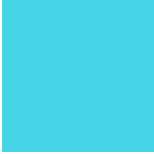
Dichromacy



Original Color
79, 51.553, 174.517

Protanopia
78, 12.335, 90.787

Deuteranopia
78, 9.623, 7.379



Tritanopia
79, 37.655, 211.977

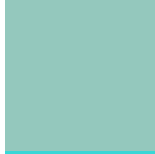
Trichromacy



Original Color
79, 51.553, 174.517



Protanomaly
77, 26.542, 164.345



Deuteranomaly
77, 19.208, 179.977

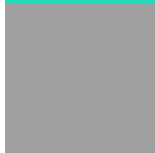


Tritanomaly
79, 40.893, 195.829

Monochromacy



Original Color
79, 51.553, 174.517



Achromatopsia
66, 0.008, 296.813



Achromatomaly
69, 24.551, 180.448

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 51.553, 174.517 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(34, 220, 185)` looks like.

```
.text, #text, p{  
    color:rgb(34, 220, 185)  
}
```

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(34, 220, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 220, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 51.553, 174.517 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(34, 220, 185) }
```

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

```
.border{ border-color:rgb(34, 220, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 220, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 220, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 220, 185);  
box-shadow:4px 4px 4px 4px rgb(34, 220,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 51.553, 174.517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 220, 185) }
```

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

```
.background{ background-color: rgb(34, 220,  
185) }
```

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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