

Converting Colors

CIELCh(78, 52.994, 173.039)

Have a look what the booklet for
CIELCh(78, 52.994, 173.039)
contains.

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Color

CIELCh(78, 52.919, 173.044)

Conversions

Conversions Part 1

Format	Color
Hex	13D9B3
RGB	19, 217, 179
RGB Percent	7%, 85%, 70%
CMY	0.9243, 0.1477, 0.2968
CMYK	0.91, 0.00, 0.17, 0.15
HSL	168°, 84%, 46%
HSV	168°, 91%, 85%
XYZ	33.3452, 53.2120, 51.3336
YIQ	153.4660, -105.8100, -53.7940

Conversions

Conversions Part 2

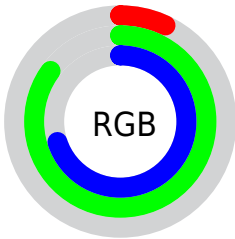
Format	Color
RYB	19, 129, 217
Decimal	1300915
CIELab	78.00, -52.53, 6.41
CIELCh	78, 52.919, 173.044
Yxy	53.2120, 0.2418, 0.3859
Android (android.graphics.Color)	4279490995 (0xFF13D9B3)
YUV	153.4660, 12.5883, -117.9267
Hunter-Lab	72.9466, -46.0608, 9.3393

Details

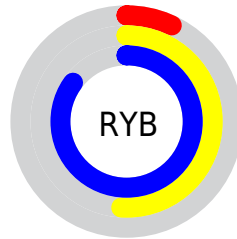
The CIELCh color **78, 52.919, 173.044** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **46, 78.202, 26.044**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 43.716, 182.900**, and **59, 44.941, 169.339** is the 20% darker color. If you saturate the color by 10%, you get **78, 54.690, 171.453**, and if you desaturate by 10%, it is **78, 50.279, 174.710**.

Distribution



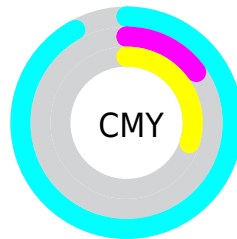
- Red (7%)
- Green (85%)
- Blue (70%)



- Red (7%)
- Yellow (51%)
- Blue (85%)



- Cyan (91%)
- Magenta (0%)
- Yellow (17%)
- Black (15%)





- Cyan (92%)
- Magenta (15%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 52.919, 173.044 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 78, 52.919, 173.044 by changing the saturation by 10% instead.


 78, 52.919,
173.044


 78, 52.919,
173.044


 100, 52.919,
173.044


 68, 52.919,
173.044


 98, 52.919,
173.044

 58, 52.919,
173.044

 48, 52.919,
173.044

 38, 52.919,
173.044

 28, 52.919,
173.044

 18, 52.919,
173.044

 8, 52.919, 173.044

0, 52.919, 173.044

78, 52.919,
173.044

78, 52.919,
173.044

78, 54.690,
171.453

78, 50.279,
174.710

79, 46.748,
176.213

79, 42.294,
177.569

80, 36.956,
178.801

81, 30.822,
179.933

82, 24.015,
180.986

■ 83, 16.671,
181.979

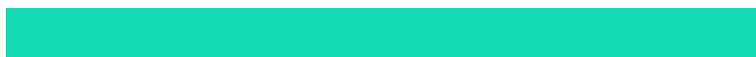
■ 85, 8.924, 182.938

■ 87, 0.902, 184.370

Harmonies

Complementary

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



78, 52.919, 173.044



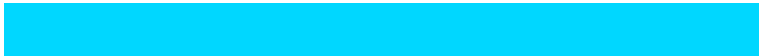
46, 78.202, 26.044

Rectangle

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



78, 52.919, 173.044



78, 52.919, 223.044



78, 52.919, 353.044



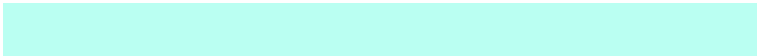
78, 52.919, 43.044

Sweetspot

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



78, 52.919, 173.043



95, 23.951, 181.376



77, 101.353, 134.426



50, 16.004, 181.029



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



78, 52.919, 173.043



90, 61.839, 171.273



61, 41.511, 252.313



45, 4.602, 183.100



63, 46.037, 171.756



16, 17.742, 175.296

Inverse Universe

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



46, 78.202, 26.044



53, 94.418, 31.199



52, 77.945, 48.083



43, 4.782, 4.676



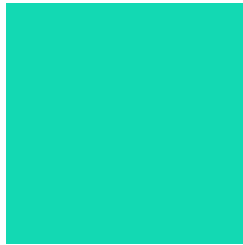
36, 69.793, 29.773



5, 23.738, 11.969

Previews

White Background



This preview shows how the CIELCh color 78, 52.919, 173.044 looks on a white background.

Color Contrast Check

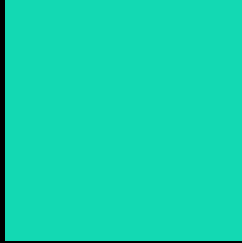
Large Text (above 18pt) WCAG AA × Fail

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 78, 52.919, 173.044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

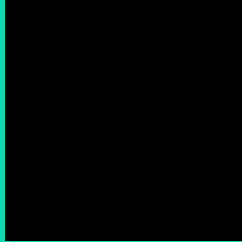
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

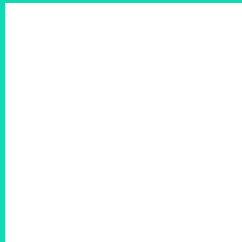
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 52.919, 173.044

Background



This preview shows how black text looks on a background with the CIELCh color 78, 52.919, 173.044.

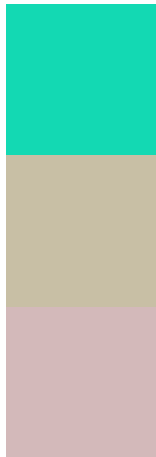


This preview shows how white text looks on a background with the CIELCh color 78, 52.919, 173.044.

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

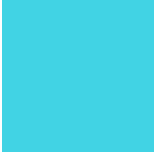
78, 52.878, 173.029

Protanopia

77, 14.306, 94.646

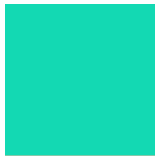
Deuteranopia

77, 9.865, 17.072



Tritanopia
78, 37.793, 211.062

Trichromacy



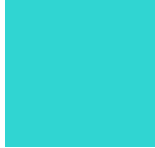
Original Color
78, 52.878, 173.029



Protanomaly
76, 29.268, 162.500

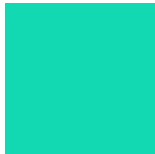


Deuteranomaly
75, 20.899, 178.144



Tritanomaly
78, 41.674, 194.269

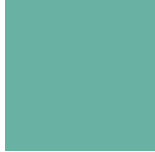
Monochromacy



Original Color
78, 52.878, 173.029



Achromatopsia
64, 0.008, 296.813



Achromatomaly
67, 25.930, 179.840

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 52.919, 173.044 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, 217, 179)` looks like.

```
.text, #text, p{  
    color:rgb(19, 217, 179)  
}
```

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, 217, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 217, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 52.919, 173.044 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, 217, 179) }
```

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

```
.border{ border-color:rgb(19, 217, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 217, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 217, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 217, 179);  
box-shadow:4px 4px 4px 4px rgb(19, 217,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 52.919, 173.044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 217, 179) }
```

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

```
.background{ background-color: rgb(19, 217,  
179) }
```

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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