

Converting Colors

CIELCh(78, 59.549, 164.978)

Have a look what the booklet for
CIELCh(78, 59.549, 164.978)
contains.

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Color

CIELCh(78, 59.800, 164.776)

Conversions

Conversions Part 1

Format	Color
Hex	0ADBA2
RGB	10, 219, 162
RGB Percent	4%, 86%, 64%
CMY	0.9616, 0.1420, 0.3655
CMYK	0.96, 0.00, 0.26, 0.14
HSL	164°, 91%, 45%
HSV	164°, 96%, 86%
XYZ	31.8995, 53.2120, 42.6766
YIQ	150.0110, -106.2670, -62.0350

Conversions

Conversions Part 2

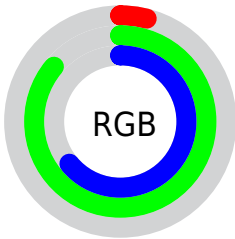
Format	Color
RYB	10, 131, 219
Decimal	711586
CIELab	78.00, -57.70, 15.70
CIELCh	78, 59.800, 164.776
Yxy	53.2120, 0.2496, 0.4164
Android (android.graphics.Color)	4278901666 (0xFF0ADBA2)
YUV	150.0110, 5.9106, -122.7896
Hunter-Lab	72.9466, -49.5985, 16.3756

Details

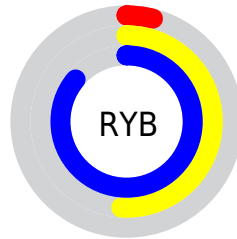
The CIELCh color **78, 59.800, 164.776** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **47, 77.560, 21.795**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 48.720, 172.490**, and **59, 51.958, 160.144** is the 20% darker color. If you saturate the color by 10%, you get **78, 61.015, 163.844**, and if you desaturate by 10%, it is **78, 56.739, 166.810**.

Distribution



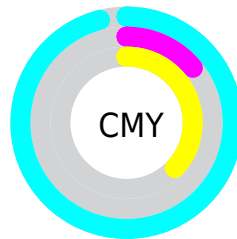
- Red (4%)
- Green (86%)
- Blue (64%)



- Red (4%)
- Yellow (51%)
- Blue (86%)



- Cyan (96%)
- Magenta (0%)
- Yellow (26%)
- Black (14%)





- Cyan (96%)
- Magenta (14%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 59.800, 164.776 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, 59.800, 164.776 by changing the saturation by 10% instead.


 78, 59.800,
164.776


 78, 59.800,
164.776


 100, 59.800,
164.776


 68, 59.800,
164.776


 98, 59.800,
164.776

 58, 59.800,
164.776

 48, 59.800,
164.776

 38, 59.800,
164.776

 28, 59.800,
164.776

 18, 59.800,
164.776

 8, 59.800, 164.776

■ 0, 59.800, 164.776

■ 78, 59.800,
164.776

■ 78, 59.800,
164.776

■ 78, 61.015,
163.844

■ 78, 56.739,
166.810

■ 79, 52.842,
168.649

■ 79, 48.047,
170.299

■ 80, 42.374,
171.776

■ 81, 35.904,
173.107

■ 82, 28.758,
174.316

■ 83, 21.076,
175.427

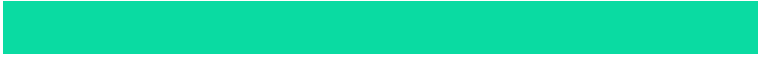
■ 85, 13.001,
176.464

■ 86, 4.665, 177.489

Harmonies

Complementary

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



78, 59.800, 164.776



47, 77.560, 21.795

Rectangle

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



78, 59.800, 164.776



78, 59.800, 214.776



78, 59.800, 344.776



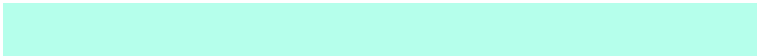
78, 59.800, 34.776

Sweetspot

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



78, 59.800, 164.775



95, 26.938, 175.023



77, 101.821, 133.290



50, 18.323, 174.542



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, 59.800, 164.775



89, 68.705, 163.644



66, 39.123, 237.859



45, 4.794, 177.077



63, 51.019, 164.206



16, 19.301, 168.416

Inverse Universe

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



47, 77.560, 21.795



54, 89.640, 24.775



49, 85.011, 43.775



43, 4.939, 358.720



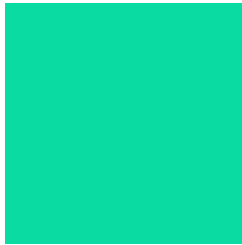
36, 66.474, 23.243



5, 23.837, 8.328

Previews

White Background



This preview shows how the CIELCh color 78, 59.800, 164.776 looks on a white background.

Color Contrast Check

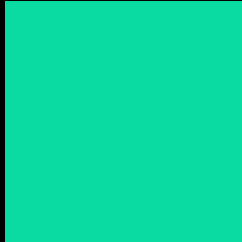
Large Text (above 18pt) WCAG AA × Fail

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, 59.800, 164.776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

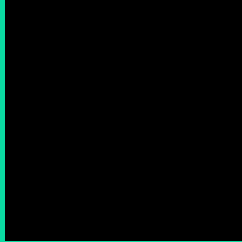
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

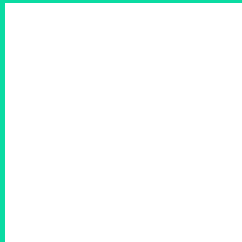
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 59.800, 164.776

Background



This preview shows how black text looks on a background with the CIELCh color 78, 59.800, 164.776.

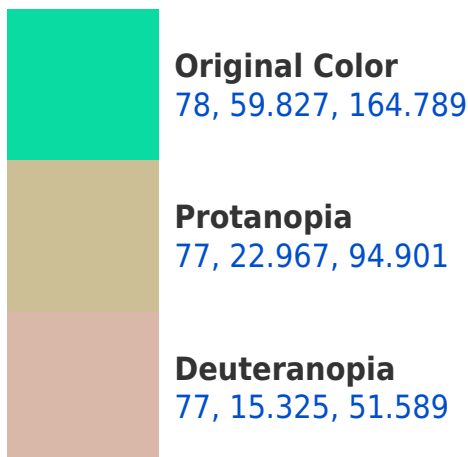


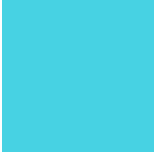
This preview shows how white text looks on a background with the CIELCh color 78, 59.800, 164.776.

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
78, 36.849, 211.495

Trichromacy



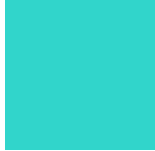
Original Color
78, 59.827, 164.789



Protanomaly
76, 35.581, 151.820



Deuteranomaly
75, 26.234, 157.937



Tritanomaly
78, 42.808, 189.130

Monochromacy



Original Color
78, 59.827, 164.789



Achromatopsia
62, 0.008, 296.813



Achromatomaly
66, 28.870, 173.182

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 59.800, 164.776 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(10, 219, 162)` looks like.

```
.text, #text, p{  
    color:rgb(10, 219, 162)  
}
```

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(10, 219, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 219, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 59.800, 164.776 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(10, 219, 162) }
```

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

```
.border{ border-color:rgb(10, 219, 162) }
```

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

Here you see how a box with a 4 pixel rgb(10, 219, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 219, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 219, 162);  
box-shadow:4px 4px 4px 4px rgb(10, 219,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 59.800, 164.776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 219, 162) }
```

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

```
.background{ background-color: rgb(10, 219,  
162) }
```

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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