

Converting Colors

CIELCh(79, 63.022, 161.155)

Have a look what the booklet for
CIELCh(79, 63.022, 161.155)
contains.

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Color

CIELCh(79, 62.812, 161.338)

Conversions

Conversions Part 1

Format	Color
Hex	1ADE9C
RGB	26, 222, 156
RGB Percent	10%, 87%, 61%
CMY	0.8968, 0.1290, 0.3878
CMYK	0.88, 0.00, 0.30, 0.13
HSL	160°, 79%, 49%
HSV	160°, 88%, 87%
XYZ	32.5936, 54.9284, 40.3820
YIQ	155.8720, -95.6300, -62.0780

Conversions

Conversions Part 2

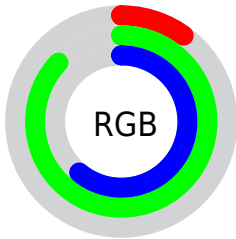
Format	Color
R_{YB}	26, 144, 222
Decimal	1760924
CIE _{Lab}	79.00, -59.51, 20.10
CIE _{LCh}	79, 62.812, 161.338
Y _{xy}	54.9284, 0.2548, 0.4294
Android (android.graphics.Color)	4279951004 (0xFF1ADE9C)
YUV	155.8720, 0.0631, -113.8977
Hunter-Lab	74.1137, -51.1984, 19.5745

Details

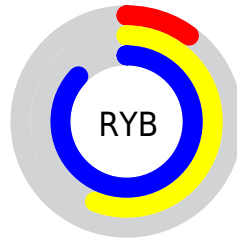
The CIELCh color **79, 62.812, 161.338** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **48, 73.839, 12.239**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 49.794, 169.063**, and **60, 55.360, 156.960** is the 20% darker color. If you saturate the color by 10%, you get **79, 66.364, 159.140**, and if you desaturate by 10%, it is **79, 58.477, 163.353**.

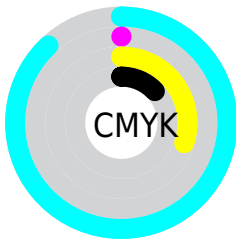
Distribution



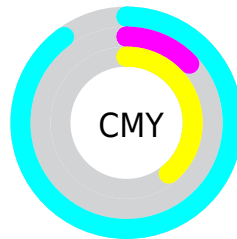
- Red (10%)
- Green (87%)
- Blue (61%)



- Red (10%)
- Yellow (56%)
- Blue (87%)



- Cyan (88%)
- Magenta (0%)
- Yellow (30%)
- Black (13%)





- Cyan (90%)
- Magenta (13%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 62.812, 161.338 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, 62.812, 161.338 by changing the saturation by 10% instead.


 79, 62.812,
161.338

 79, 62.812,
161.338


 100, 62.812,
161.338


 69, 62.812,
161.338


 99, 62.812,
161.338

 59, 62.812,
161.338

 49, 62.812,
161.338

 39, 62.812,
161.338

 29, 62.812,
161.338

 19, 62.812,
161.338

 9, 62.812, 161.338

■ 0, 62.812, 161.338

■ 79, 62.812,
161.338

■ 79, 62.812,
161.338

■ 79, 66.364,
159.140

■ 79, 58.477,
163.353

■ 79, 66.987,
158.739

■ 80, 53.251,
165.160

■ 81, 47.142,
166.772

■ 82, 40.229,
168.212

■ 83, 32.635,
169.504

■ 84, 24.506,
170.674

■ 85, 15.992,
171.747

■ 87, 7.232, 172.762

■ 89, 1.651, 353.295

Harmonies

Complementary

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



79, 62.812, 161.338



48, 73.839, 12.239

Rectangle

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



79, 62.812, 161.338



79, 62.812, 211.338



79, 62.812, 341.338



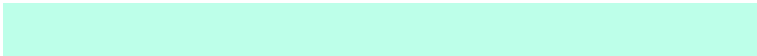
79, 62.812, 31.338

Sweetspot

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



79, 62.812, 161.337



95, 25.384, 170.890



79, 98.099, 131.368



50, 17.120, 170.501



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, 62.812, 161.337



89, 74.592, 158.549



72, 38.601, 221.810



46, 5.076, 172.630



64, 55.926, 159.118



17, 21.453, 163.376

Inverse Universe

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



48, 73.839, 12.239



54, 86.752, 18.914



50, 82.683, 40.978



44, 5.200, 354.272



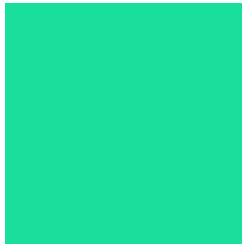
37, 65.278, 17.469



6, 25.444, 5.620

Previews

White Background



This preview shows how the CIELCh color 79, 62.812, 161.338 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, 62.812, 161.338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

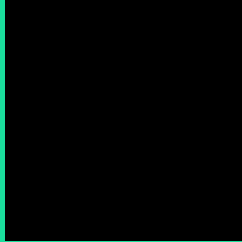
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 62.812, 161.338

Background



This preview shows how black text looks on a background with the CIELCh color 79, 62.812, 161.338.

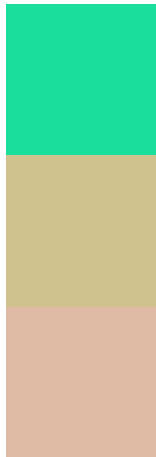


This preview shows how white text looks on a background with the CIELCh color 79, 62.812, 161.338.

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](#).

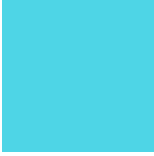
Dichromacy



Original Color
79, 62.812, 161.338

Protanopia
78, 27.620, 95.761

Deuteranopia
78, 18.966, 58.151

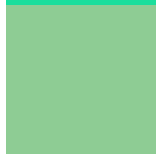


Tritanopia
79, 36.428, 211.672

Trichromacy



Original Color
79, 62.812, 161.338



Protanomaly
77, 37.889, 144.980



Deuteranomaly
76, 27.217, 149.076

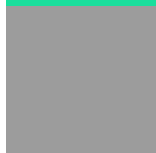


Tritanomaly
79, 42.828, 186.990

Monochromacy



Original Color
79, 62.812, 161.338



Achromatopsia
64, 0.008, 296.813



Achromatomaly
68, 28.415, 169.352

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 62.812, 161.338 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(26, 222, 156)` looks like.

```
.text, #text, p{  
    color:rgb(26, 222, 156)  
}
```

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(26, 222, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 222, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 62.812, 161.338 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(26, 222, 156) }
```

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

```
.border{ border-color:rgb(26, 222, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 222, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 222, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 222, 156);  
box-shadow:4px 4px 4px 4px rgb(26, 222,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 62.812, 161.338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 222, 156) }
```

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

```
.background{ background-color: rgb(26, 222,  
156) }
```

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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