

Converting Colors

CIELCh(79, 61.978, 162.436)

Have a look what the booklet for
CIELCh(79, 61.978, 162.436)
contains.

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Color

CIELCh(79, 61.867, 162.525)

Conversions

Conversions Part 1

Format	Color
Hex	17DE9F
RGB	23, 222, 159
RGB Percent	9%, 87%, 62%
CMY	0.9097, 0.1294, 0.3765
CMYK	0.90, 0.00, 0.28, 0.13
HSL	161°, 81%, 48%
HSV	161°, 90%, 87%
XYZ	32.7329, 54.9284, 41.6778
YIQ	155.3170, -98.3810, -61.7810

Conversions

Conversions Part 2

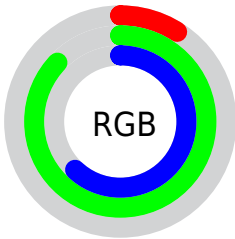
Format	Color
RYB	23, 141, 222
Decimal	1564319
CIELab	79.00, -59.01, 18.58
CIELCh	79, 61.867, 162.525
Yxy	54.9284, 0.2531, 0.4247
Android (android.graphics.Color)	4279754399 (0xFF17DE9F)
YUV	155.3170, 1.8157, -116.0420
Hunter-Lab	74.1137, -50.8629, 18.5378

Details

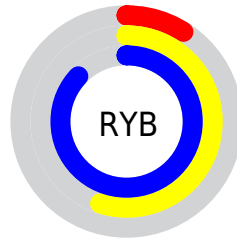
The CIELCh color **79, 61.867, 162.525** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **48, 74.741, 14.792**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 49.061, 170.673**, and **60, 54.164, 158.210** is the 20% darker color. If you saturate the color by 10%, you get **79, 65.148, 160.351**, and if you desaturate by 10%, it is **79, 57.861, 164.539**.

Distribution



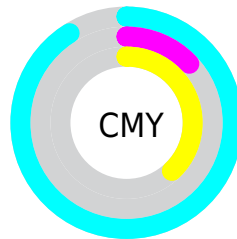
- Red (9%)
- Green (87%)
- Blue (62%)



- Red (9%)
- Yellow (55%)
- Blue (87%)



- Cyan (90%)
- Magenta (0%)
- Yellow (28%)
- Black (13%)





- Cyan (91%)
- Magenta (13%)
- Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 61.867, 162.525 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, 61.867, 162.525 by changing the saturation by 10% instead.


 79, 61.867,
162.525

 79, 61.867,
162.525


 100, 61.867,
162.525


 69, 61.867,
162.525


 99, 61.867,
162.525

 59, 61.867,
162.525

 49, 61.867,
162.525

 39, 61.867,
162.525

 29, 61.867,
162.525

 19, 61.867,
162.525

 9, 61.867, 162.525

■ 0, 61.867, 162.525

■ 79, 61.867,
162.525

■ 79, 61.867,
162.525

■ 79, 65.148,
160.351

■ 79, 57.861,
164.539

■ 79, 65.265,
160.273

■ 80, 52.968,
166.349

■ 81, 47.182,
167.965

■ 81, 40.569,
169.410

■ 82, 33.243,
170.709

■ 84, 25.346,
171.888

■ 85, 17.027,
172.970

■ 87, 8.427, 173.990

■ 89, 0.330, 353.302

Harmonies

Complementary

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



79, 61.867, 162.525



48, 74.741, 14.792

Rectangle

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



79, 61.867, 162.525



79, 61.867, 212.525



79, 61.867, 342.525



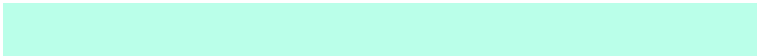
79, 61.867, 32.525

Sweetspot

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



79, 61.867, 162.524



95, 25.943, 172.158



79, 99.695, 132.229



50, 17.384, 171.772



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, 61.867, 162.524



89, 72.691, 160.085



70, 38.555, 228.828



46, 5.012, 174.008



64, 54.526, 160.646



17, 20.990, 164.829

Inverse Universe

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



48, 74.741, 14.792



54, 87.559, 20.833



50, 82.727, 42.415



44, 5.143, 355.657



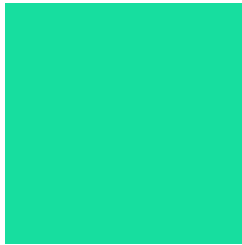
37, 65.813, 19.374



6, 25.392, 6.788

Previews

White Background



This preview shows how the CIELCh color 79, 61.867, 162.525 looks on a white background.

Color Contrast Check

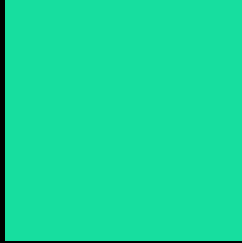
Large Text (above 18pt) WCAG AA × Fail

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, 61.867, 162.525 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, 61.867, 162.525

Background



This preview shows how black text looks on a background with the CIELCh color 79, 61.867, 162.525.

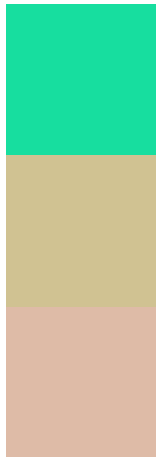


This preview shows how white text looks on a background with the CIELCh color 79, 61.867, 162.525.

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

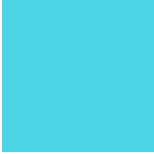
79, 61.867, 162.525

Protanopia

79, 26.080, 95.252

Deuteranopia

78, 17.587, 57.243



Tritanopia
79, 36.713, 211.538

Trichromacy



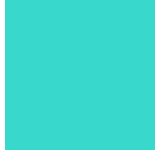
Original Color
79, 61.867, 162.525



Protanomaly
77, 36.829, 146.824



Deuteranomaly
76, 26.849, 151.580



Tritanomaly
79, 42.857, 187.725

Monochromacy



Original Color
79, 61.867, 162.525



Achromatopsia
64, 0.008, 296.813



Achromatomaly
68, 28.381, 170.512

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 61.867, 162.525 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(23, 222, 159)` looks like.

```
.text, #text, p{  
    color:rgb(23, 222, 159)  
}
```

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(23, 222, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 222, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 61.867, 162.525 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(23, 222, 159) }
```

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

```
.border{ border-color:rgb(23, 222, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 222, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 222, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 222, 159);  
box-shadow:4px 4px 4px 4px rgb(23, 222,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 61.867, 162.525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 222, 159) }
```

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

```
.background{ background-color: rgb(23, 222,  
159) }
```

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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