

Converting Colors

CIELCh(79, 60.541, 157.756)

Have a look what the booklet for
CIELCh(79, 60.541, 157.756)
contains.

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Color

CIELCh(79, 60.600, 157.709)

Conversions

Conversions Part 1

Format	Color
Hex	42DD97
RGB	66, 221, 151
RGB Percent	26%, 87%, 59%
CMY	0.7427, 0.1345, 0.4089
CMYK	0.70, 0.00, 0.32, 0.13
HSL	153°, 69%, 56%
HSV	153°, 70%, 87%
XYZ	33.5637, 54.9284, 37.9963
YIQ	166.6750, -69.9100, -54.6300

Conversions

Conversions Part 2

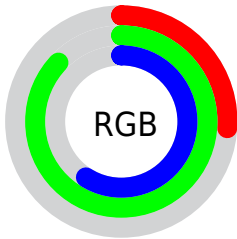
Format	Color
RYB	66, 166, 221
Decimal	4382103
CIELab	79.00, -56.07, 22.99
CIELCh	79, 60.600, 157.709
Yxy	54.9284, 0.2654, 0.4343
Android (android.graphics.Color)	4282572183 (0xFF42DD97)
YUV	166.6750, -7.7278, -88.2920
Hunter-Lab	74.1137, -48.8620, 21.4830

Details

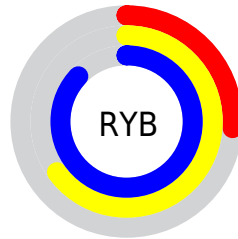
The CIELCh color **79, 60.600, 157.709** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle muted spring green. A complement of this color would be **53, 65.202, 356.345**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 47.439, 164.239**, and **60, 56.964, 155.371** is the 20% darker color. If you saturate the color by 10%, you get **78, 66.691, 155.785**, and if you desaturate by 10%, it is **80, 53.629, 159.420**.

Distribution



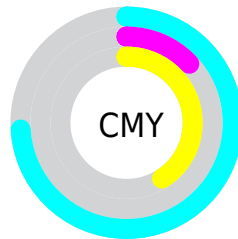
- Red (26%)
- Green (87%)
- Blue (59%)



- Red (26%)
- Yellow (65%)
- Blue (87%)



- Cyan (70%)
- Magenta (0%)
- Yellow (32%)
- Black (13%)





- Cyan (74%)
- Magenta (13%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 60.600, 157.709 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, 60.600, 157.709 by changing the saturation by 10% instead.


 79, 60.600,
157.709


 79, 60.600,
157.709


 100, 60.600,
157.709


 69, 60.600,
157.709


 99, 60.600,
157.709

 59, 60.600,
157.709

 49, 60.600,
157.709

 39, 60.600,
157.709

 29, 60.600,
157.709

 19, 60.600,
157.709

 9, 60.600, 157.709

■ 0, 60.600, 157.709

■ 79, 60.600,
157.709

■ 79, 60.600,
157.709

■ 78, 66.691,
155.785

■ 80, 53.629,
159.420

■ 78, 71.888,
153.649

■ 81, 45.862,
160.933

■ 78, 76.237,
151.442

■ 82, 37.435,
162.274

■ 83, 28.507,
163.466

■ 84, 19.238,
164.537

■ 86, 9.777, 165.518

■ 88, 0.250, 168.165

■ 90, 9.239, 347.092

■ 91, 15.929,
340.963

Harmonies

Complementary

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



79, 60.600, 157.709



53, 65.202, 356.345

Rectangle

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



79, 60.600, 157.709



79, 60.600, 207.709



79, 60.600, 337.709



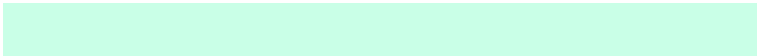
79, 60.600, 27.709

Sweetspot

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



79, 60.601, 157.709



96, 22.397, 164.445



80, 81.537, 127.443



51, 15.132, 164.155



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, 60.601, 157.709



89, 77.053, 154.868



79, 39.117, 200.849



45, 5.376, 165.599



62, 63.165, 151.851



16, 23.210, 156.606

Inverse Universe

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



53, 65.202, 356.345



57, 80.688, 0.783



52, 68.285, 32.064



43, 5.461, 347.142



37, 63.225, 6.447



6, 24.635, 357.886

Previews

White Background



This preview shows how the CIE LCh color 79, 60.600, 157.709 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, 60.600, 157.709 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, 60.600, 157.709

Background



This preview shows how black text looks on a background with the CIELCh color 79, 60.600, 157.709.

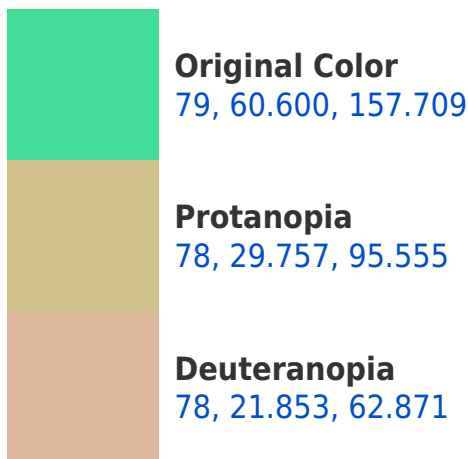


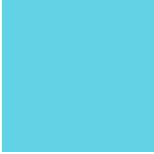
This preview shows how white text looks on a background with the CIELCh color 79, 60.600, 157.709.

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
79, 32.934, 213.486

Trichromacy



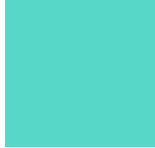
Original Color
79, 60.600, 157.709



Protanomaly
77, 37.046, 136.401



Deuteranomaly
77, 26.504, 135.562



Tritanomaly
79, 39.015, 184.704

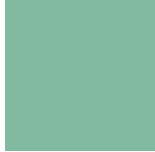
Monochromacy



Original Color
79, 60.600, 157.709



Achromatopsia
68, 0.008, 296.813



Achromatomaly
71, 25.209, 163.186

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 60.600, 157.709 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(66, 221, 151)` looks like.

```
.text, #text, p{  
    color:rgb(66, 221, 151)  
}
```

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(66, 221, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 221, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 60.600, 157.709 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(66, 221, 151) }
```

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

```
.border{ border-color:rgb(66, 221, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 221, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 221, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 221, 151);  
box-shadow:4px 4px 4px 4px rgb(66, 221,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 60.600, 157.709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 221, 151) }
```

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

```
.background{ background-color: rgb(66, 221,  
151) }
```

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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