

Converting Colors

CIELCh(79, 66.677, 158.958)

Have a look what the booklet for
CIELCh(79, 66.677, 158.958)
contains.

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Color

CIElCh(79, 66.600, 159.040)

Conversions

Conversions Part 1

Format	Color
Hex	06DF95
RGB	6, 223, 149
RGB Percent	2%, 87%, 58%
CMY	0.9784, 0.1258, 0.4160
CMYK	0.98, 0.00, 0.33, 0.13
HSL	160°, 95%, 45%
HSV	160°, 98%, 87%
XYZ	31.8496, 54.9284, 37.3222
YIQ	149.6810, -105.5780, -69.0180

Conversions

Conversions Part 2

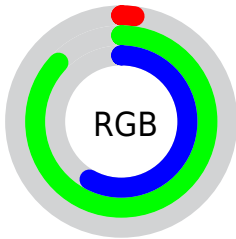
Format	Color
RYB	6, 137, 223
Decimal	450453
CIELab	79.00, -62.19, 23.82
CIELCh	79, 66.600, 159.040
Yxy	54.9284, 0.2566, 0.4426
Android (android.graphics.Color)	4278640533 (0xFF06DF95)
YUV	149.6810, -0.3357, -126.0082
Hunter-Lab	74.1137, -52.9904, 22.0223

Details

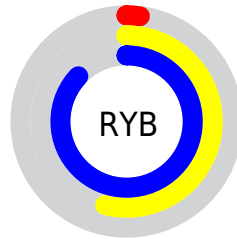
The CIELCh color **79, 66.600, 159.040** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **47, 77.267, 16.831**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 53.079, 165.671**, and **60, 58.279, 154.376** is the 20% darker color. If you saturate the color by 10%, you get **79, 67.441, 158.500**, and if you desaturate by 10%, it is **79, 62.973, 161.237**.

Distribution



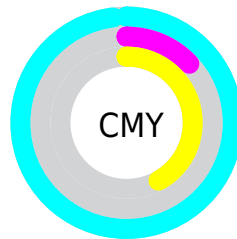
- Red (2%)
- Green (87%)
- Blue (58%)



- Red (2%)
- Yellow (54%)
- Blue (87%)



- Cyan (98%)
- Magenta (0%)
- Yellow (33%)
- Black (13%)





- Cyan (98%)
- Magenta (13%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 66.600, 159.040 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, 66.600, 159.040 by changing the saturation by 10% instead.


 79, 66.600,
159.040


 79, 66.600,
159.040


 100, 66.600,
159.040


 69, 66.600,
159.040


 99, 66.600,
159.040

 59, 66.600,
159.040

 49, 66.600,
159.040

 39, 66.600,
159.040

 29, 66.600,
159.040

 19, 66.600,
159.040

 9, 66.600, 159.040

■ 0, 66.600, 159.040

■ 79, 66.600,
159.040

■ 79, 66.600,
159.040

■ 79, 67.441,
158.500

■ 79, 62.973,
161.237

■ 80, 58.542,
163.244

■ 80, 53.215,
165.044

■ 81, 47.006,
166.648

■ 82, 39.999,
168.080

■ 83, 32.318,
169.366

■ 84, 24.113,
170.530

■ 86, 15.532,
171.599

■ 87, 6.715, 172.614

Harmonies

Complementary

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



79, 66.600, 159.040



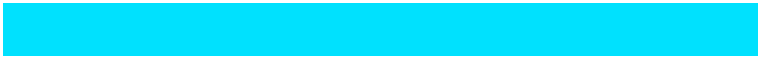
47, 77.267, 16.831

Rectangle

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



79, 66.600, 159.040



79, 66.600, 209.040



79, 66.600, 339.040



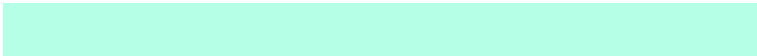
79, 66.600, 29.040

Sweetspot

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



79, 66.600, 159.040



95, 28.257, 170.341



79, 102.340, 132.117



50, 19.254, 169.847



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, 66.600, 159.040



89, 74.891, 158.316



71, 39.258, 224.354



46, 5.086, 172.418



64, 56.147, 158.886



17, 21.526, 163.154

Inverse Universe

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



47, 77.267, 16.831



54, 86.636, 18.610



48, 90.045, 41.687



44, 5.209, 354.058



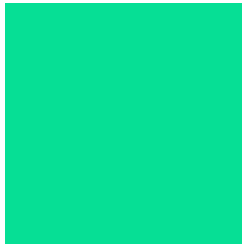
37, 65.202, 17.168



6, 25.453, 5.433

Previews

White Background



This preview shows how the CIELCh color 79, 66.600, 159.040 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, 66.600, 159.040 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, 66.600, 159.040

Background



This preview shows how black text looks on a background with the CIELCh color 79, 66.600, 159.040.

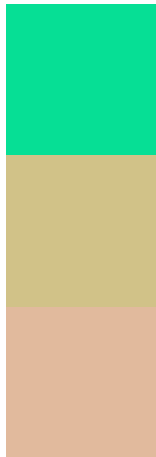


This preview shows how white text looks on a background with the CIELCh color 79, 66.600, 159.040.

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

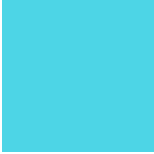
79, 66.600, 159.040

Protanopia

78, 31.289, 95.951

Deuteranopia

78, 22.249, 63.767



Tritanopia
79, 36.571, 211.604

Trichromacy



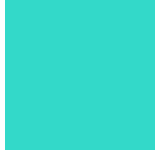
Original Color
79, 66.600, 159.040



Protanomaly
77, 43.003, 144.308



Deuteranomaly
76, 31.560, 147.425



Tritanomaly
79, 44.549, 185.141

Monochromacy



Original Color
79, 66.600, 159.040



Achromatopsia
62, 0.008, 296.813



Achromatomaly
66, 31.469, 168.430

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 66.600, 159.040 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(6, 223, 149)` looks like.

```
.text, #text, p{  
    color:rgb(6, 223, 149)  
}
```

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(6, 223, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 223, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 66.600, 159.040 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(6, 223, 149) }
```

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

```
.border{ border-color:rgb(6, 223, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 223, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 223, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 223, 149);  
box-shadow:4px 4px 4px 4px rgb(6, 223,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 66.600, 159.040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 223, 149) }
```

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

```
.background{ background-color: rgb(6, 223,  
149) }
```

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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