

Converting Colors

CIELCh(76, 71.584, 153.431)

Have a look what the booklet for
CIELCh(76, 71.584, 153.431)
contains.

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Color

CIELCh(76, 71.866, 153.299)

Conversions

Conversions Part 1

Format	Color
Hex	03D77D
RGB	3, 215, 125
RGB Percent	1%, 84%, 49%
CMY	0.9886, 0.1584, 0.5112
CMYK	0.99, 0.00, 0.42, 0.16
HSL	155°, 97%, 43%
HSV	155°, 99%, 84%
XYZ	27.9134, 49.8872, 27.4396
YIQ	141.3520, -97.4620, -72.9340

Conversions

Conversions Part 2

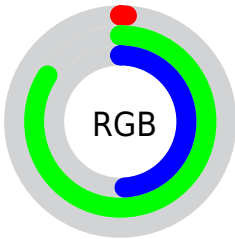
Format	Color
RYB	3, 138, 215
Decimal	251773
CIELab	76.00, -64.20, 32.29
CIELCh	76, 71.866, 153.299
Yxy	49.8872, 0.2652, 0.4740
Android (android.graphics.Color)	4278441853 (0xFF03D77D)
YUV	141.3520, -8.0615, -121.3347
Hunter-Lab	70.6309, -53.0607, 26.4079

Details

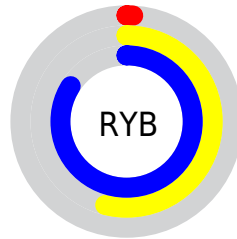
The CIELCh color **76, 71.866, 153.299** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **46, 73.969, 9.157**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 62.402, 156.291**, and **57, 63.992, 148.050** is the 20% darker color. If you saturate the color by 10%, you get **76, 72.417, 153.001**, and if you desaturate by 10%, it is **76, 67.628, 155.556**.

Distribution



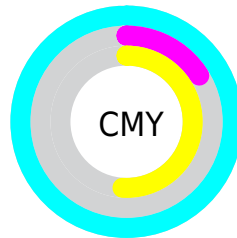
- Red (1%)
- Green (84%)
- Blue (49%)



- Red (1%)
- Yellow (54%)
- Blue (84%)



- Cyan (99%)
- Magenta (0%)
- Yellow (42%)
- Black (16%)



- Cyan (99%)
- Magenta (16%)
- Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 71.866, 153.299 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 76, 71.866, 153.299 by changing the saturation by 10% instead.


 76, 71.866,
153.299

 76, 71.866,
153.299

 100, 71.866,
153.299

 66, 71.866,
153.299


 96, 71.866,
153.299

 56, 71.866,
153.299

 46, 71.866,
153.299

 36, 71.866,
153.299

 26, 71.866,
153.299

 16, 71.866,
153.299

 6, 71.866, 153.299

■ 0, 71.866, 153.299

■ 76, 71.866,
153.299

■ 76, 71.866,
153.299

■ 76, 72.417,
153.001

■ 76, 67.628,
155.556

■ 77, 62.628,
157.645

■ 77, 56.759,
159.522

■ 78, 50.042,
161.190

■ 79, 42.566,
162.668

■ 80, 34.462,
163.982

■ 81, 25.884,
165.156

■ 83, 16.984,
166.217

■ 84, 7.902, 167.202

Harmonies

Complementary

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



76, 71.866, 153.299



46, 73.969, 9.157

Rectangle

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



76, 71.866, 153.299



76, 71.866, 203.299



76, 71.866, 333.299



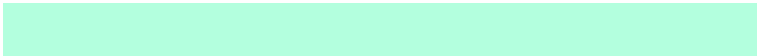
76, 71.866, 23.299

Sweetspot

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



76, 71.866, 153.299



94, 31.121, 164.971



77, 97.485, 130.103



50, 21.120, 164.478



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



76, 71.866, 153.299



89, 82.876, 152.754



74, 40.335, 207.705



44, 5.178, 167.127



62, 60.642, 153.395



15, 21.712, 158.433

Inverse Universe

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



46, 73.969, 9.157



54, 84.633, 10.354



45, 90.132, 40.303



42, 5.268, 348.693



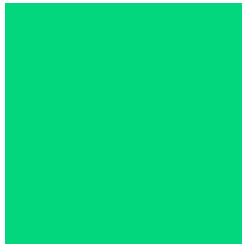
36, 62.595, 8.926



5, 22.893, 359.140

Previews

White Background



This preview shows how the CIELCh color 76, 71.866, 153.299 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 76, 71.866, 153.299 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 76, 71.866, 153.299

Background



This preview shows how black text looks on a background with the CIELCh color 76, 71.866, 153.299.

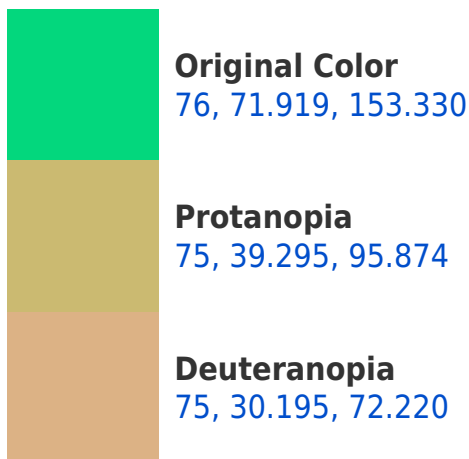


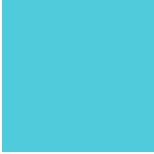
This preview shows how white text looks on a background with the CIELCh color 76, 71.866, 153.299.

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
76, 34.388, 212.761

Trichromacy



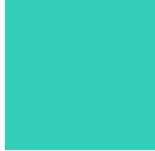
Original Color
76, 71.919, 153.330



Protanomaly
73, 49.089, 137.504



Deuteranomaly
73, 38.067, 137.662



Tritanomaly
75, 44.334, 180.566

Monochromacy



Original Color
76, 71.919, 153.330



Achromatopsia
59, 0.008, 296.813



Achromatomaly
63, 33.207, 162.946

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 71.866, 153.299 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(3, 215, 125)` looks like.

```
.text, #text, p{  
    color:rgb(3, 215, 125)  
}
```

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(3, 215, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 215, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 71.866, 153.299 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(3, 215, 125) }
```

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

```
.border{ border-color:rgb(3, 215, 125) }
```

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

Here you see how a box with a 4 pixel rgb(3, 215, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 215, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 215, 125);  
box-shadow:4px 4px 4px 4px rgb(3, 215,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 71.866, 153.299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 215, 125) }
```

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

```
.background{ background-color: rgb(3, 215,  
125) }
```

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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