

Converting Colors

CIELCh(78, 72.283, 153.104)

Have a look what the booklet for
CIELCh(78, 72.283, 153.104)
contains.

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Color

CIELCh(78, 72.073, 153.161)

Conversions

Conversions Part 1

Format	Color
Hex	1ADC81
RGB	26, 220, 129
RGB Percent	10%, 86%, 51%
CMY	0.8974, 0.1357, 0.4927
CMYK	0.88, 0.00, 0.41, 0.14
HSL	152°, 79%, 48%
HSV	152°, 88%, 86%
XYZ	30.1140, 53.2120, 29.5782
YIQ	151.6200, -86.4130, -69.4290

Conversions

Conversions Part 2

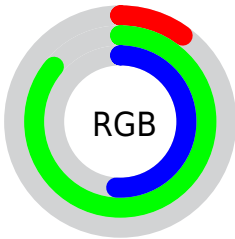
Format	Color
RYB	26, 153, 220
Decimal	1760385
CIELab	78.00, -64.31, 32.54
CIELCh	78, 72.073, 153.161
Yxy	53.2120, 0.2667, 0.4713
Android (android.graphics.Color)	4279950465 (0xFF1ADC81)
YUV	151.6200, -11.1517, -110.1687
Hunter-Lab	72.9466, -53.9676, 27.0218

Details

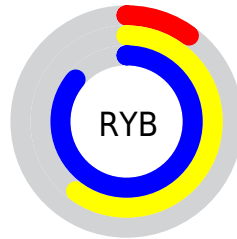
The CIELCh color **78, 72.073, 153.161** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **49, 73.575, 0.575**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 59.545, 157.338**, and **59, 64.799, 148.326** is the 20% darker color. If you saturate the color by 10%, you get **78, 76.784, 150.897**, and if you desaturate by 10%, it is **78, 66.542, 155.254**.

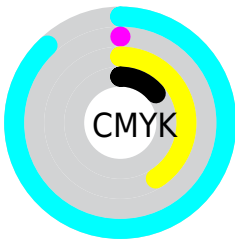
Distribution



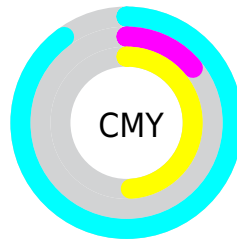
- Red (10%)
- Green (86%)
- Blue (51%)



- Red (10%)
- Yellow (60%)
- Blue (86%)



- Cyan (88%)
- Magenta (0%)
- Yellow (41%)
- Black (14%)





- Cyan (90%)
- Magenta (14%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 72.073, 153.161 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 78, 72.073, 153.161 by changing the saturation by 10% instead.


 78, 72.073,
153.161


 78, 72.073,
153.161


 100, 72.073,
153.161


 68, 72.073,
153.161


 98, 72.073,
153.161

 58, 72.073,
153.161

 48, 72.073,
153.161

 38, 72.073,
153.161

 28, 72.073,
153.161

 18, 72.073,
153.161

 8, 72.073, 153.161

0, 72.073, 153.161

78, 72.073,
153.161

78, 72.073,
153.161

78, 76.784,
150.897

78, 66.542,
155.254

78, 77.621,
150.485

79, 60.106,
157.133

80, 52.801,
158.801

81, 44.729,
160.274

82, 36.035,
161.577

83, 26.883,
162.736

■ 85, 17.433,
163.777

■ 86, 7.831, 164.737

■ 88, 1.801, 345.275

Harmonies

Complementary

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



78, 72.073, 153.161



49, 73.575, 0.575

Rectangle

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



78, 72.073, 153.161



78, 72.073, 203.161



78, 72.073, 333.161



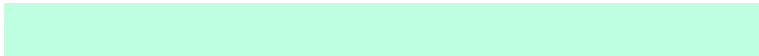
78, 72.073, 23.161

Sweetspot

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



78, 72.073, 153.161



95, 28.005, 162.944



79, 93.764, 127.553



50, 18.928, 162.563



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 72.073, 153.161



89, 87.017, 150.279



79, 43.094, 198.821



45, 5.443, 164.614



62, 64.374, 150.891



16, 23.610, 155.656

Inverse Universe

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



49, 73.575, 0.575



55, 84.428, 6.020



47, 86.144, 37.208



43, 5.523, 346.138



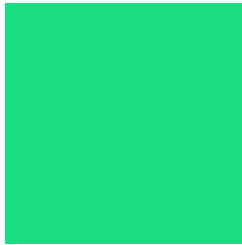
37, 63.264, 4.766



6, 24.777, 356.704

Previews

White Background



This preview shows how the CIE LCh color 78, 72.073, 153.161 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 78, 72.073, 153.161 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 78, 72.073, 153.161

Background



This preview shows how black text looks on a background with the CIELCh color 78, 72.073, 153.161.

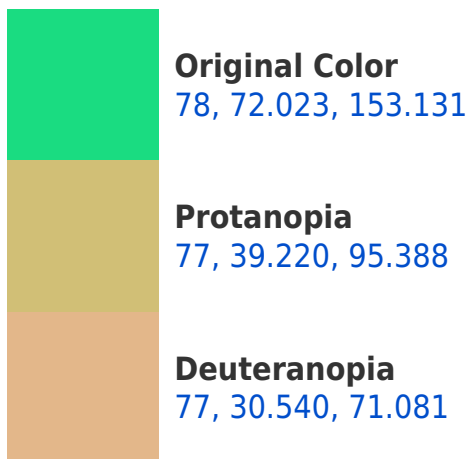


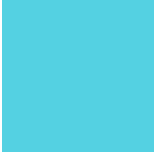
This preview shows how white text looks on a background with the CIELCh color 78, 72.073, 153.161.

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
78, 34.756, 212.521

Trichromacy



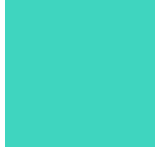
Original Color
78, 72.023, 153.131



Protanomaly
76, 47.982, 134.871



Deuteranomaly
75, 37.007, 134.031



Tritanomaly
78, 43.894, 180.596

Monochromacy



Original Color
78, 72.023, 153.131



Achromatopsia
63, 0.008, 296.813



Achromatomaly
67, 31.548, 161.616

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 72.073, 153.161 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, 220, 129)` looks like.

```
.text, #text, p{  
    color:rgb(26, 220, 129)  
}
```

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, 220, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 220, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 72.073, 153.161 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, 220, 129) }
```

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

```
.border{ border-color:rgb(26, 220, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 220, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 220, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 220, 129);  
box-shadow:4px 4px 4px 4px rgb(26, 220,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 72.073, 153.161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 220, 129) }
```

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

```
.background{ background-color: rgb(26, 220,  
129) }
```

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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