

Converting Colors

CIELCh(76, 67.444, 155.686)

Have a look what the booklet for
CIELCh(76, 67.444, 155.686)
contains.

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Color

CIELCh(76, 67.355, 155.818)

Conversions

Conversions Part 1

Format	Color
Hex	15D686
RGB	21, 214, 134
RGB Percent	8%, 84%, 53%
CMY	0.9158, 0.1614, 0.4751
CMYK	0.90, 0.00, 0.37, 0.16
HSL	155°, 82%, 46%
HSV	155°, 90%, 84%
XYZ	28.6141, 49.8872, 30.6181
YIQ	147.1730, -89.3480, -65.7960

Conversions

Conversions Part 2

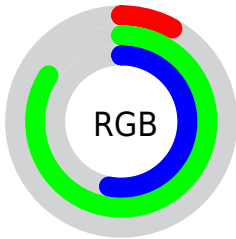
Format	Color
R_{YB}	21, 143, 214
Decimal	1431174
CIE _{Lab}	76.00, -61.44, 27.59
CIE _{LCh}	76, 67.355, 155.818
Yxy	49.8872, 0.2622, 0.4572
Android (android.graphics.Color)	4279621254 (0xFF15D686)
YUV	147.1730, -6.4943, -110.6537
Hunter-Lab	70.6309, -51.2900, 23.7397

Details

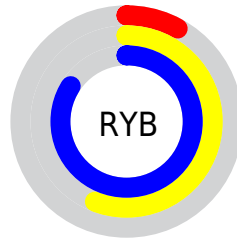
The CIELCh color **76, 67.355, 155.818** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **47, 71.910, 5.923**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 58.253, 159.508**, and **57, 60.272, 150.752** is the 20% darker color. If you saturate the color by 10%, you get **76, 71.446, 153.565**, and if you desaturate by 10%, it is **76, 62.561, 157.930**.

Distribution



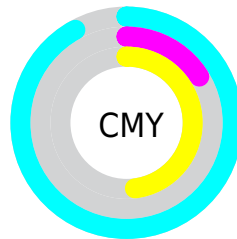
- Red (8%)
- Green (84%)
- Blue (53%)



- Red (8%)
- Yellow (56%)
- Blue (84%)



- Cyan (90%)
- Magenta (0%)
- Yellow (37%)
- Black (16%)




- Cyan (92%)
- Magenta (16%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 67.355, 155.818 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, 67.355, 155.818 by changing the saturation by 10% instead.


 76, 67.355,
155.818

 76, 67.355,
155.818


 100, 67.355,
155.818


 66, 67.355,
155.818


 96, 67.355,
155.818

 56, 67.355,
155.818

 46, 67.355,
155.818

 36, 67.355,
155.818

 26, 67.355,
155.818

 16, 67.355,
155.818

 6, 67.355, 155.818

■ 0, 67.355, 155.818

■ 76, 67.355,
155.818

■ 76, 67.355,
155.818

■ 76, 71.446,
153.565

■ 76, 62.561,
157.930

■ 76, 71.461,
153.556

■ 77, 56.906,
159.830

■ 78, 50.398,
161.521

■ 78, 43.118,
163.021

■ 80, 35.190,
164.355

■ 81, 26.765,
165.547

■ 82, 17.994,
166.624

■ 84, 9.018, 167.619

■ 86, 0.041, 337.150

Harmonies

Complementary

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



76, 67.355, 155.818



47, 71.910, 5.923

Rectangle

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



76, 67.355, 155.818



76, 67.355, 205.818



76, 67.355, 335.818



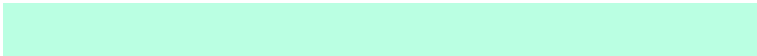
76, 67.355, 25.818

Sweetspot

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



76, 67.355, 155.818



95, 27.904, 165.847



77, 94.340, 129.725



50, 18.731, 165.461



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, 67.355, 155.818



89, 82.008, 153.304



73, 39.243, 209.696



44, 5.145, 167.671



62, 60.016, 153.944



15, 21.515, 158.968

Inverse Universe

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



47, 71.910, 5.923



54, 84.749, 11.261



47, 83.839, 39.132



42, 5.238, 349.247



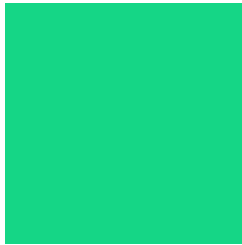
36, 62.650, 9.811



5, 22.831, 359.706

Previews

White Background



This preview shows how the CIELCh color 76, 67.355, 155.818 looks on a white background.

Color Contrast Check

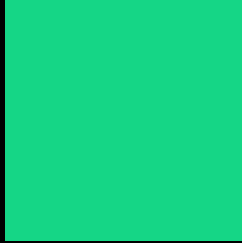
Large Text (above 18pt) WCAG AA × Fail

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, 67.355, 155.818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

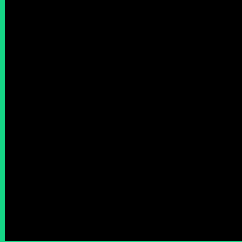
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 67.355, 155.818

Background



This preview shows how black text looks on a background with the CIELCh color 76, 67.355, 155.818.

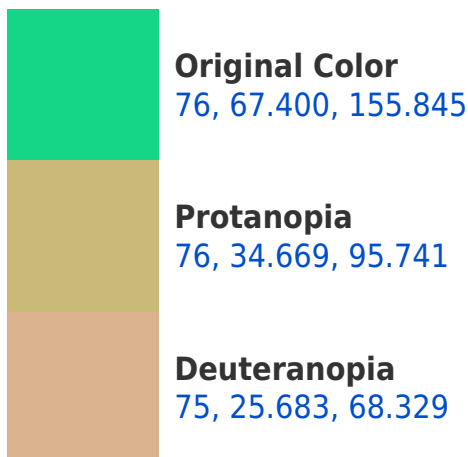


This preview shows how white text looks on a background with the CIELCh color 76, 67.355, 155.818.

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, 34.542, 212.680

Trichromacy



Original Color
76, 67.400, 155.845



Protanomaly
74, 43.920, 138.397



Deuteranomaly
73, 32.752, 138.692



Tritanomaly
76, 42.623, 183.060

Monochromacy



Original Color
76, 67.400, 155.845



Achromatopsia
61, 0.008, 296.813



Achromatomaly
65, 29.997, 164.399

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 67.355, 155.818 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(21, 214, 134)` looks like.

```
.text, #text, p{  
    color:rgb(21, 214, 134)  
}
```

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(21, 214, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 214, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 67.355, 155.818 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(21, 214, 134) }
```

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

```
.border{ border-color:rgb(21, 214, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 214, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 214, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 214, 134);  
box-shadow:4px 4px 4px 4px rgb(21, 214,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 67.355, 155.818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 214, 134) }
```

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

```
.background{ background-color: rgb(21, 214,  
134) }
```

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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