

Converting Colors

CIELCh(76, 39.990, 151.449)

Have a look what the booklet for
CIELCh(76, 39.990, 151.449)
contains.

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Color

CIELCh(76, 39.982, 151.504)

Conversions

Conversions Part 1

Format	Color
Hex	7FCC97
RGB	127, 204, 151
RGB Percent	50%, 80%, 59%
CMY	0.5023, 0.2003, 0.4081
CMYK	0.38, 0.00, 0.26, 0.20
HSL	139°, 43%, 65%
HSV	139°, 38%, 80%
XYZ	35.8956, 49.8872, 36.9842
YIQ	174.9350, -28.8790, -32.8070

Conversions

Conversions Part 2

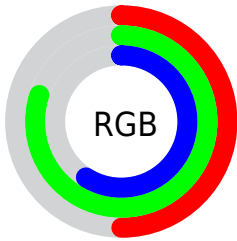
Format	Color
RYB	127, 186, 204
Decimal	8375447
CIELab	76.00, -35.14, 19.08
CIELCh	76, 39.982, 151.504
Yxy	49.8872, 0.2924, 0.4064
Android (android.graphics.Color)	4286565527 (0xFF7FCC97)
YUV	174.9350, -11.8000, -42.0390
Hunter-Lab	70.6309, -32.8878, 18.3958

Details

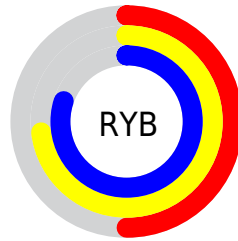
The CIELCh color **76, 39.982, 151.504** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **63, 40.489, 337.610**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 36.428, 152.555**, and **56, 39.839, 151.767** is the 20% darker color. If you saturate the color by 10%, you get **75, 50.031, 150.309**, and if you desaturate by 10%, it is **77, 29.550, 152.544**.

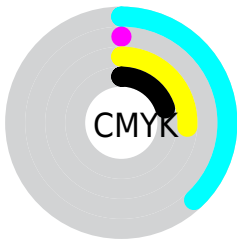
Distribution



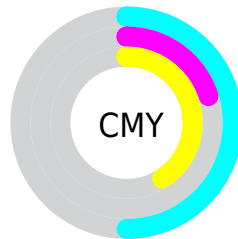
- Red (50%)
- Green (80%)
- Blue (59%)



- Red (50%)
- Yellow (73%)
- Blue (80%)



- Cyan (38%)
- Magenta (0%)
- Yellow (26%)
- Black (20%)





- Cyan (50%)
- Magenta (20%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 39.982, 151.504 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, 39.982, 151.504 by changing the saturation by 10% instead.


 76, 39.982,
151.504


 76, 39.982,
151.504


 100, 39.982,
151.504


 66, 39.982,
151.504


 96, 39.982,
151.504

 56, 39.982,
151.504

 46, 39.982,
151.504

 36, 39.982,
151.504

 26, 39.982,
151.504

 16, 39.982,
151.504

 6, 39.982, 151.504

■ 0, 39.982, 151.504

■ 76, 39.982,
151.504

■ 76, 39.982,
151.504

■ 75, 50.031,
150.309

■ 77, 29.550,
152.544

■ 74, 59.492,
148.938

■ 79, 18.914,
153.452

■ 73, 68.169,
147.381

■ 81, 8.232, 154.262

■ 82, 2.372, 334.764

■ 73, 75.887,
145.639


■ 84, 12.805,
335.493

■ 72, 82.521,
143.742


■ 87, 23.001,
336.048

■ 72, 88.034,
141.774

■ 88, 29.634,

 72, 89.159,
141.364

328.877

 88, 32.029,
325.539

Harmonies

Complementary

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



76, 39.982, 151.504



63, 40.489, 337.610

Rectangle

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



76, 39.982, 151.504



76, 39.982, 201.504



76, 39.982, 331.504



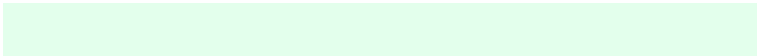
76, 39.982, 21.504

Sweetspot

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



76, 39.983, 151.504



98, 14.017, 153.995



79, 41.208, 119.623



52, 9.424, 153.885



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, 39.983, 151.504



92, 56.677, 150.582



77, 27.317, 179.661



42, 6.026, 154.133



59, 75.871, 141.684



12, 24.455, 148.886

Inverse Universe

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



63, 40.489, 337.610



73, 57.327, 338.311



62, 32.059, 7.800



40, 6.058, 335.376



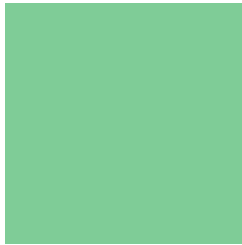
37, 66.478, 345.570



4, 22.526, 341.469

Previews

White Background



This preview shows how the CIELCh color 76, 39.982, 151.504 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, 39.982, 151.504 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, 39.982, 151.504

Background



This preview shows how black text looks on a background with the CIELCh color 76, 39.982, 151.504.

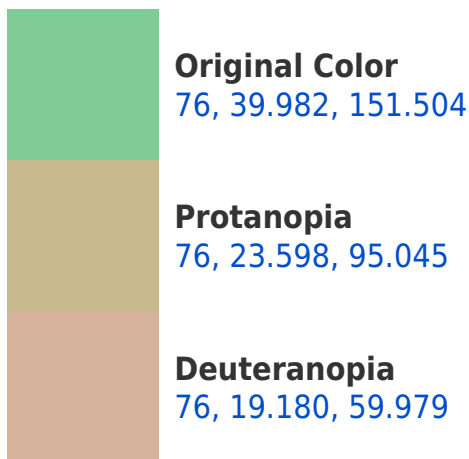


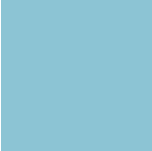
This preview shows how white text looks on a background with the CIELCh color 76, 39.982, 151.504.

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, 19.790, 224.215

Trichromacy



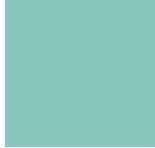
Original Color
76, 39.982, 151.504



Protanomaly
76, 26.268, 125.242



Deuteranomaly
75, 18.310, 114.601



Tritanomaly
76, 22.402, 185.148

Monochromacy



Original Color
76, 39.982, 151.504



Achromatopsia
71, 0.009, 296.813



Achromatomaly
73, 15.159, 152.660

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 39.982, 151.504 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(127, 204, 151)` looks like.

```
.text, #text, p{  
    color:rgb(127, 204, 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(127, 204, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 204, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 39.982, 151.504 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(127, 204, 151) }
```

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

```
.border{ border-color:rgb(127, 204, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 204, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 204, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 204, 151); box-shadow:4px 4px 4px 4px rgb(127, 204, 151) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 39.982, 151.504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 204, 151) }
```

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

```
.background{ background-color: rgb(127,  
204, 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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