

Converting Colors

CIELCh(83, 69.886, 140.513)

Have a look what the booklet for
CIELCh(83, 69.886, 140.513)
contains.

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Color

CIELCh(83, 70.134, 140.491)

Conversions

Conversions Part 1

Format	Color
Hex	77E777
RGB	119, 231, 119
RGB Percent	47%, 91%, 47%
CMY	0.5348, 0.0956, 0.5347
CMYK	0.49, 0.00, 0.49, 0.10
HSL	120°, 70%, 68%
HSV	120°, 49%, 90%
XYZ	39.3374, 62.1629, 27.2716
YIQ	184.7440, -30.8000, -58.5760

Conversions

Conversions Part 2

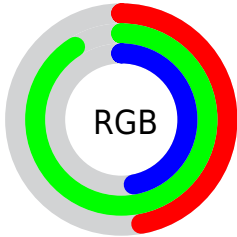
Format	Color
RYB	119, 231, 231
Decimal	7858039
CIELab	83.00, -54.11, 44.62
CIElCh	83, 70.134, 140.491
Yxy	62.1629, 0.3055, 0.4827
Android (android.graphics.Color)	4286048119 (0xFF77E777)
YUV	184.7440, -32.4118, -57.6575
Hunter-Lab	78.8435, -48.9170, 34.6823

Details

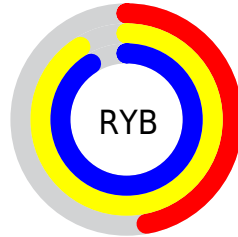
The CIELCh color **83, 70.134, 140.491** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **66, 69.791, 326.997**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 50.512, 140.979**, and **63, 69.963, 140.408** is the 20% darker color. If you saturate the color by 10%, you get **82, 82.678, 139.362**, and if you desaturate by 10%, it is **84, 56.444, 141.538**.

Distribution



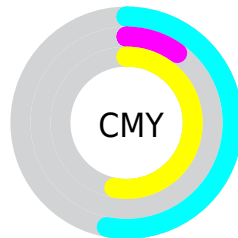
- Red (47%)
- Green (91%)
- Blue (47%)



- Red (47%)
- Yellow (91%)
- Blue (91%)



- Cyan (49%)
- Magenta (0%)
- Yellow (49%)
- Black (10%)





- Cyan (53%)
- Magenta (10%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 70.134, 140.491 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 83, 70.134, 140.491 by changing the saturation by 10% instead.


 83, 70.134,
140.491


 83, 70.134,
140.491


 100, 70.134,
140.491


 73, 70.134,
140.491

 63, 70.134,
140.491

 53, 70.134,
140.491

 43, 70.134,
140.491

 33, 70.134,
140.491

 23, 70.134,
140.491

 13, 70.134,

140.491

■ 3, 70.134, 140.491

■ 0, 70.134, 140.491

■ 83, 70.134,
140.491

■ 83, 70.134,
140.491

■ 82, 82.678,
139.362

■ 84, 56.444,
141.538

■ 81, 93.534,
138.226

■ 86, 42.057,
142.467

■ 81, 102.102,
137.208

■ 88, 27.333,
143.274


■ 80, 107.845,
136.457


■ 90, 12.548,
143.971

■ 80, 110.703,

■ 92, 2.094, 324.391

136.062

 94, 15.223,
324.950

 80, 111.012,
136.018

Harmonies

Complementary

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



83, 70.134, 140.491



66, 69.791, 326.997

Rectangle

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



83, 70.134, 140.491



83, 70.134, 190.491



83, 70.134, 320.491



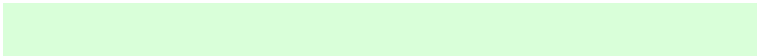
83, 70.134, 10.491

Sweetspot

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



83, 70.135, 140.491



97, 23.928, 143.528



89, 56.072, 105.547



51, 16.338, 143.375



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



83, 70.135, 140.491



90, 88.889, 139.391



84, 48.043, 158.542



47, 8.292, 143.913



63, 91.644, 136.019



17, 36.755, 138.838

Inverse Universe

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



66, 69.791, 326.997



69, 88.013, 327.403



64, 50.684, 348.844



45, 8.304, 324.951



42, 88.403, 328.247



9, 37.099, 328.245

Previews

White Background



This preview shows how the CIELCh color 83, 70.134, 140.491 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 83, 70.134, 140.491 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 83, 70.134, 140.491

Background



This preview shows how black text looks on a background with the CIELCh color 83, 70.134, 140.491.

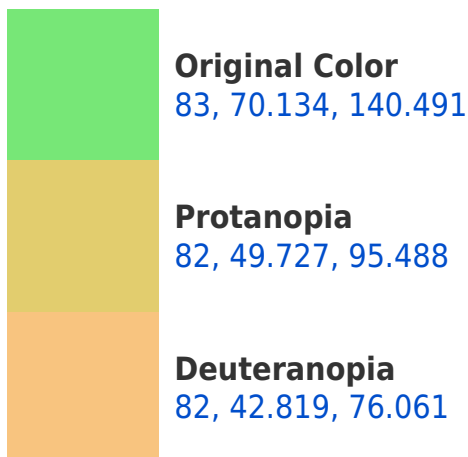


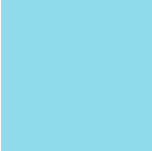
This preview shows how white text looks on a background with the CIELCh color 83, 70.134, 140.491.

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
83, 24.598, 219.570

Trichromacy



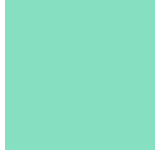
Original Color
83, 70.134, 140.491



Protanomaly
82, 52.675, 117.746



Deuteranomaly
82, 43.983, 110.554

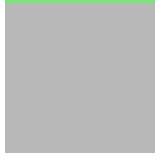


Tritanomaly
83, 34.121, 169.289

Monochromacy



Original Color
83, 70.134, 140.491



Achromatopsia
75, 0.009, 296.813



Achromatomaly
77, 26.872, 143.139

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 70.134, 140.491 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(119, 231, 119)` looks like.

```
.text, #text, p{  
    color:rgb(119, 231, 119)  
}
```

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(119, 231, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 231, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 70.134, 140.491 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(119, 231, 119) }
```

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

```
.border{ border-color:rgb(119, 231, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 231, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 231, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 231, 119);  
box-shadow:4px 4px 4px 4px rgb(119, 231,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 70.134, 140.491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 231, 119) }
```

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

```
.background{ background-color: rgb(119,  
231, 119) }
```

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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