

Converting Colors

CIELCh(81, 69.606, 140.793)

Have a look what the booklet for
CIELCh(81, 69.606, 140.793)
contains.

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Color

CIELCh(81, 69.530, 140.805)

Conversions

Conversions Part 1

Format	Color
Hex	71E173
RGB	113, 225, 115
RGB Percent	44%, 88%, 45%
CMY	0.5577, 0.1184, 0.5497
CMYK	0.50, 0.00, 0.49, 0.12
HSL	121°, 65%, 66%
HSV	121°, 50%, 88%
XYZ	36.7377, 58.4711, 25.5135
YIQ	178.9720, -31.4420, -57.9540

Conversions

Conversions Part 2

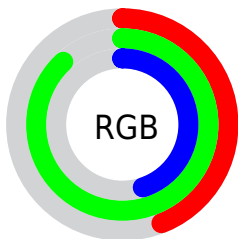
Format	Color
RYB	113, 223, 225
Decimal	7463283
CIELab	81.00, -53.89, 43.94
CIElCh	81, 69.530, 140.805
Yxy	58.4711, 0.3043, 0.4843
Android (android.graphics.Color)	4285653363 (0xFF71E173)
YUV	178.9720, -31.5382, -57.8574
Hunter-Lab	76.4664, -48.0573, 33.7440

Details

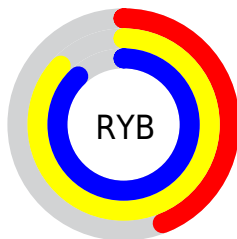
The CIELCh color **81, 69.530, 140.805** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **64, 69.125, 327.568**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 53.363, 141.444**, and **61, 69.445, 140.851** is the 20% darker color. If you saturate the color by 10%, you get **80, 81.575, 139.648**, and if you desaturate by 10%, it is **82, 56.357, 141.875**.

Distribution



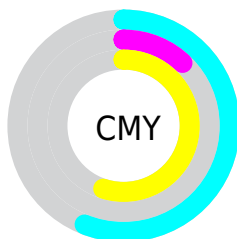
- Red (44%)
- Green (88%)
- Blue (45%)



- Red (44%)
- Yellow (87%)
- Blue (88%)



- Cyan (50%)
- Magenta (0%)
- Yellow (49%)
- Black (12%)





- Cyan (56%)
- Magenta (12%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 69.530, 140.805 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 81, 69.530, 140.805 by changing the saturation by 10% instead.


 81, 69.530,
140.805


 81, 69.530,
140.805


 100, 69.530,
140.805


 71, 69.530,
140.805

 61, 69.530,
140.805

 51, 69.530,
140.805

 41, 69.530,
140.805

 31, 69.530,
140.805

 21, 69.530,
140.805

 11, 69.530,

140.805

■ 1, 69.530, 140.805

■ 0, 69.530, 140.805

■ 81, 69.530,
140.805

■ 81, 69.530,
140.805

■ 80, 81.575,
139.648

■ 82, 56.357,
141.875

■ 79, 91.982,
138.475

■ 84, 42.482,
142.824

■ 79, 100.200,
137.405

■ 85, 28.252,
143.648

■ 78, 105.738,
136.585

■ 87, 13.939,
144.360

■ 78, 108.553,

■ 89, 0.257, 323.818

136.136

92, 14.192,
325.417

78, 108.591,
136.131

93, 18.889,
325.080

Harmonies

Complementary

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



81, 69.530, 140.805



64, 69.125, 327.568

Rectangle

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



81, 69.530, 140.805



81, 69.530, 190.805



81, 69.530, 320.805



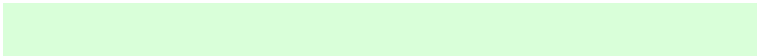
81, 69.530, 10.805

Sweetspot

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



81, 69.531, 140.805



97, 23.642, 143.997



87, 56.230, 106.231



51, 16.143, 143.843



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



81, 69.531, 140.805



90, 90.466, 139.578



82, 47.478, 159.246



46, 8.042, 144.385



63, 90.335, 136.172



16, 34.938, 139.776

Inverse Universe

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



64, 69.125, 327.568



68, 89.349, 328.020



62, 50.410, 350.061



44, 8.055, 325.426



42, 86.267, 328.959



8, 35.497, 328.834

Previews

White Background



This preview shows how the CIELCh color 81, 69.530, 140.805 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 81, 69.530, 140.805 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 81, 69.530, 140.805

Background



This preview shows how black text looks on a background with the CIELCh color 81, 69.530, 140.805.

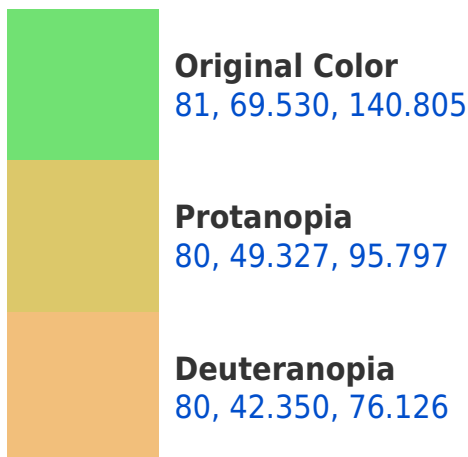


This preview shows how white text looks on a background with the CIELCh color 81, 69.530, 140.805.

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
81, 24.368, 219.897

Trichromacy



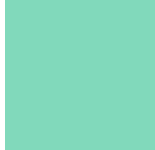
Original Color
81, 69.530, 140.805



Protanomaly
80, 52.460, 118.253



Deuteranomaly
79, 43.182, 110.645

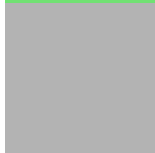


Tritanomaly
81, 33.972, 168.962

Monochromacy



Original Color
81, 69.530, 140.805



Achromatopsia
73, 0.009, 296.813



Achromatomaly
75, 26.558, 143.748

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 69.530, 140.805 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(113, 225, 115)` looks like.

```
.text, #text, p{  
    color:rgb(113, 225, 115)  
}
```

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(113, 225, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 225, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 69.530, 140.805 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(113, 225, 115) }
```

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

```
.border{ border-color:rgb(113, 225, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 225, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(113, 225, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(113, 225, 115); box-shadow:4px 4px 4px 4px rgb(113, 225, 115) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 69.530, 140.805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 225, 115) }
```

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

```
.background{ background-color: rgb(113,  
225, 115) }
```

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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