

Converting Colors

CIELCh(81, 70.763, 140.209)

Have a look what the booklet for
CIELCh(81, 70.763, 140.209)
contains.

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Color

CIELCh(81, 70.724, 140.137)

Conversions

Conversions Part 1

Format	Color
Hex	71E170
RGB	113, 225, 112
RGB Percent	44%, 88%, 44%
CMY	0.5572, 0.1180, 0.5611
CMYK	0.50, 0.00, 0.50, 0.12
HSL	119°, 65%, 66%
HSV	119°, 50%, 88%
XYZ	36.6166, 58.4711, 24.6600
YIQ	178.6300, -30.4790, -58.8870

Conversions

Conversions Part 2

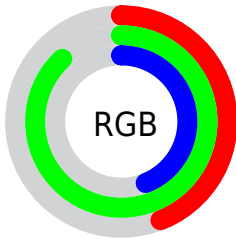
Format	Color
RYB	112, 225, 224
Decimal	7463280
CIELab	81.00, -54.29, 45.33
CIELCh	81, 70.724, 140.137
Yxy	58.4711, 0.3058, 0.4883
Android (android.graphics.Color)	4285653360 (0xFF71E170)
YUV	178.6300, -32.8486, -57.5575
Hunter-Lab	76.4664, -48.3399, 34.4057

Details

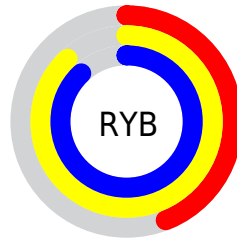
The CIELCh color **81, 70.724, 140.137** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **64, 70.387, 326.795**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 54.618, 140.569**, and **61, 71.032, 140.103** is the 20% darker color. If you saturate the color by 10%, you get **80, 82.790, 139.027**, and if you desaturate by 10%, it is **82, 57.474, 141.179**.

Distribution



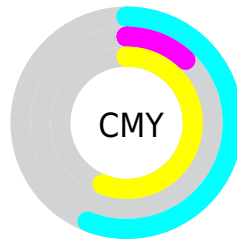
- Red (44%)
- Green (88%)
- Blue (44%)



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



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





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 70.724, 140.137 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, 70.724, 140.137 by changing the saturation by 10% instead.


 81, 70.724,
140.137


 81, 70.724,
140.137


 100, 70.724,
140.137


 71, 70.724,
140.137

 61, 70.724,
140.137

 51, 70.724,
140.137

 41, 70.724,
140.137

 31, 70.724,
140.137

 21, 70.724,
140.137

 11, 70.724,

140.137

■ 1, 70.724, 140.137

■ 0, 70.724, 140.137

■ 81, 70.724,
140.137

■ 81, 70.724,
140.137

■ 80, 82.790,
139.027

■ 82, 57.474,
141.179

■ 79, 93.131,
137.932

■ 84, 43.488,
142.112

■ 79, 101.155,
136.982

■ 85, 29.129,
142.925

■ 78, 106.365,
136.323

■ 87, 14.675,
143.628

■ 78, 108.892,

■ 89, 0.331, 145.042

135.988

■ 92, 13.756,
324.674

■ 93, 18.820,
325.078

Harmonies

Complementary

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



81, 70.724, 140.137



64, 70.387, 326.795

Rectangle

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



81, 70.724, 140.137



81, 70.724, 190.137



81, 70.724, 320.137



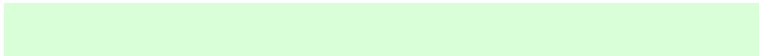
81, 70.724, 10.137

Sweetspot

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



81, 70.725, 140.137



97, 23.865, 143.298



87, 55.871, 104.645



51, 16.295, 143.148



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, 70.725, 140.137



90, 91.254, 139.007



82, 49.244, 157.472



46, 8.118, 143.680



63, 90.630, 135.978



16, 35.175, 139.323

Inverse Universe

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



64, 70.387, 326.795



68, 90.326, 327.196



62, 51.697, 348.065



44, 8.132, 324.703



41, 87.520, 327.889



8, 35.925, 327.938

Previews

White Background



This preview shows how the CIELCh color 81, 70.724, 140.137 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, 70.724, 140.137 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, 70.724, 140.137

Background



This preview shows how black text looks on a background with the CIELCh color 81, 70.724, 140.137.

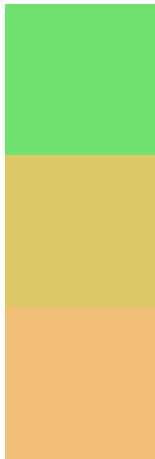


This preview shows how white text looks on a background with the CIELCh color 81, 70.724, 140.137.

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



Original Color
81, 70.724, 140.137

Protanopia
80, 50.742, 95.919

Deuteranopia
80, 43.260, 76.669



Tritanopia
81, 24.368, 219.897

Trichromacy



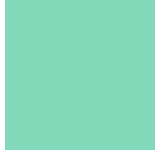
Original Color
81, 70.724, 140.137



Protanomaly
80, 53.838, 117.837



Deuteranomaly
79, 44.163, 110.467

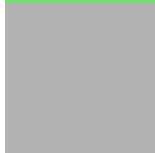


Tritanomaly
81, 34.283, 168.215

Monochromacy



Original Color
81, 70.724, 140.137



Achromatopsia
73, 0.009, 296.813



Achromatomaly
75, 27.001, 143.102

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 70.724, 140.137 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, 112)` looks like.

```
.text, #text, p{  
    color:rgb(113, 225, 112)  
}
```

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, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 225, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 70.724, 140.137 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, 112) }
```

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

```
.border{ border-color:rgb(113, 225, 112) }
```

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, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 225, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 225, 112);  
box-shadow:4px 4px 4px 4px rgb(113, 225,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 70.724, 140.137 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, 112) }
```

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

```
.background{ background-color: rgb(113,  
225, 112) }
```

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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