

Converting Colors

CIELCh(84, 73.133, 141.743)

Have a look what the booklet for
CIELCh(84, 73.133, 141.743)
contains.

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Color

CIELCh(84, 73.074, 141.725)

Conversions

Conversions Part 1

Format	Color
Hex	70EB78
RGB	112, 235, 120
RGB Percent	44%, 92%, 47%
CMY	0.5617, 0.0793, 0.5302
CMYK	0.52, 0.00, 0.49, 0.08
HSL	124°, 75%, 68%
HSV	124°, 52%, 92%
XYZ	39.6722, 64.0658, 27.9776
YIQ	185.1130, -36.3930, -61.8410

Conversions

Conversions Part 2

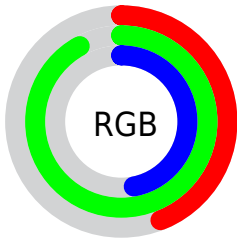
Format	Color
RYB	112, 227, 235
Decimal	7400312
CIELab	84.00, -57.37, 45.26
CIELCh	84, 73.074, 141.725
Yxy	64.0658, 0.3012, 0.4864
Android (android.graphics.Color)	4285590392 (0xFF70EB78)
YUV	185.1130, -32.1007, -64.1201
Hunter-Lab	80.0411, -51.5988, 35.3045

Details

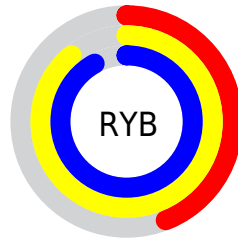
The CIELCh color **84, 73.074, 141.725** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **66, 72.482, 329.165**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 51.280, 142.991**, and **64, 73.048, 141.725** is the 20% darker color. If you saturate the color by 10%, you get **83, 84.948, 140.482**, and if you desaturate by 10%, it is **85, 60.033, 142.863**.

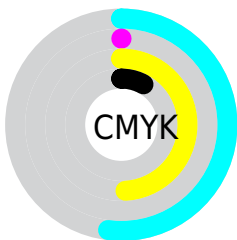
Distribution



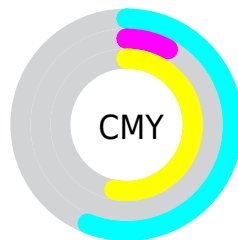
- Red (44%)
- Green (92%)
- Blue (47%)



- Red (44%)
- Yellow (89%)
- Blue (92%)



- Cyan (52%)
- Magenta (0%)
- Yellow (49%)
- Black (8%)





- Cyan (56%)
- Magenta (8%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 73.074, 141.725 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 84, 73.074, 141.725 by changing the saturation by 10% instead.


 84, 73.074,
141.725


 84, 73.074,
141.725


 100, 73.074,
141.725


 74, 73.074,
141.725

 64, 73.074,
141.725

 54, 73.074,
141.725

 44, 73.074,
141.725

 34, 73.074,
141.725

 24, 73.074,
141.725

 14, 73.074,

141.725

■ 4, 73.074, 141.725

■ 0, 73.074, 141.725

■ 84, 73.074,
141.725

■ 84, 73.074,
141.725

■ 83, 84.948,
140.482

■ 85, 60.033,
142.863

■ 82, 95.191,
139.195

■ 87, 46.232,
143.869

■ 82, 103.317,
137.971

■ 88, 32.016,
144.741

■ 82, 108.903,
136.951

■ 90, 17.662,
145.492

■ 81, 111.396,

■ 92, 3.382, 146.199

136.428

95, 10.671,
326.617

95, 12.623,
324.856

Harmonies

Complementary

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



84, 73.074, 141.725



66, 72.482, 329.165

Rectangle

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



84, 73.074, 141.725



84, 73.074, 191.725



84, 73.074, 321.725



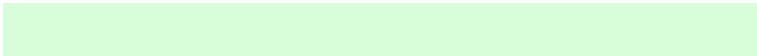
84, 73.074, 11.725

Sweetspot

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



84, 73.075, 141.725



96, 24.421, 145.229



90, 60.990, 107.591



51, 16.499, 145.074



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



84, 73.075, 141.725



89, 91.475, 140.368



85, 49.944, 160.667



48, 8.075, 145.694



64, 91.405, 136.559



18, 36.995, 139.423

Inverse Universe

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



66, 72.482, 329.165



66, 89.838, 329.690



63, 53.830, 352.661



46, 8.089, 326.759



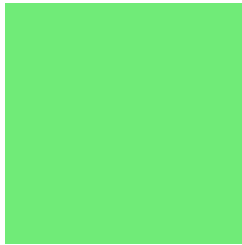
42, 84.910, 331.008



9, 36.633, 330.577

Previews

White Background



This preview shows how the CIE LCh color 84, 73.074, 141.725 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 84, 73.074, 141.725 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 84, 73.074, 141.725

Background



This preview shows how black text looks on a background with the CIELCh color 84, 73.074, 141.725.

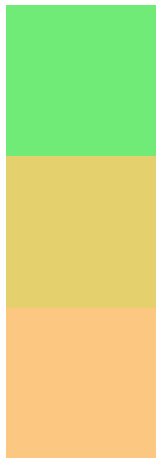


This preview shows how white text looks on a background with the CIELCh color 84, 73.074, 141.725.

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
84, 73.074, 141.725

Protanopia
83, 51.046, 95.699

Deuteranopia
83, 43.139, 76.413

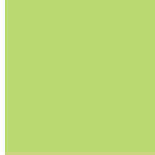


Tritanopia
84, 26.510, 217.775

Trichromacy



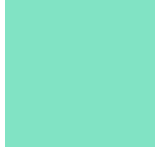
Original Color
84, 73.074, 141.725



Protanomaly
83, 54.414, 119.414



Deuteranomaly
82, 44.544, 112.587



Tritanomaly
84, 36.550, 170.277

Monochromacy



Original Color
84, 73.074, 141.725



Achromatopsia
75, 0.009, 296.813



Achromatomaly
78, 28.132, 144.814

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 73.074, 141.725 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(112, 235, 120)` looks like.

```
.text, #text, p{  
    color:rgb(112, 235, 120)  
}
```

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(112, 235, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 235, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 73.074, 141.725 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(112, 235, 120) }
```

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

```
.border{ border-color:rgb(112, 235, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 235, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 235, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 235, 120);  
box-shadow:4px 4px 4px 4px rgb(112, 235,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 73.074, 141.725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 235, 120) }
```

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

```
.background{ background-color: rgb(112,  
235, 120) }
```

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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