

Converting Colors

CIELCh(85, 72.864, 140.630)

Have a look what the booklet for
CIELCh(85, 72.864, 140.630)
contains.

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Color

CIELCh(85, 72.562, 140.764)

Conversions

Conversions Part 1

Format	Color
Hex	77ED79
RGB	119, 237, 121
RGB Percent	47%, 93%, 47%
CMY	0.5325, 0.0698, 0.5248
CMYK	0.50, 0.00, 0.49, 0.07
HSL	121°, 77%, 70%
HSV	121°, 50%, 93%
XYZ	41.4414, 66.0070, 28.7048
YIQ	188.4940, -33.0920, -61.0920

Conversions

Conversions Part 2

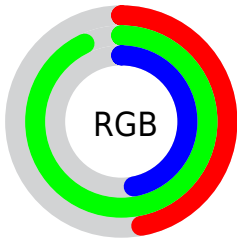
Format	Color
RYB	119, 235, 237
Decimal	7859577
CIELab	85.00, -56.20, 45.90
CIElCh	85, 72.562, 140.764
Yxy	66.0070, 0.3044, 0.4848
Android (android.graphics.Color)	4286049657 (0xFF77ED79)
YUV	188.4940, -33.2745, -60.9462
Hunter-Lab	81.2447, -51.1287, 35.9234

Details

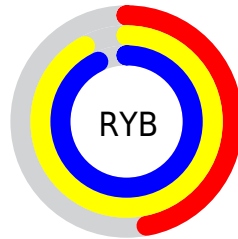
The CIELCh color **85, 72.562, 140.764** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **67, 72.139, 327.533**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 49.473, 141.316**, and **65, 72.514, 140.794** is the 20% darker color. If you saturate the color by 10%, you get **84, 85.136, 139.605**, and if you desaturate by 10%, it is **86, 58.798, 141.837**.

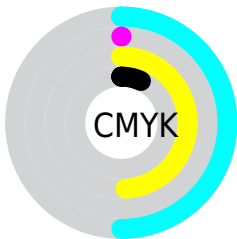
Distribution



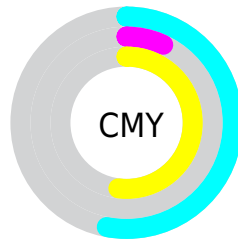
- Red (47%)
- Green (93%)
- Blue (47%)



- Red (47%)
- Yellow (92%)
- Blue (93%)



- Cyan (50%)
- Magenta (0%)
- Yellow (49%)
- Black (7%)




- Cyan (53%)
- Magenta (7%)
- Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 72.562, 140.764 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 85, 72.562, 140.764 by changing the saturation by 10% instead.


 85, 72.562,
140.764


 85, 72.562,
140.764


 100, 72.562,
140.764


 75, 72.562,
140.764

 65, 72.562,
140.764

 55, 72.562,
140.764

 45, 72.562,
140.764

 35, 72.562,
140.764


 25, 72.562,
140.764


 15, 72.562,


140.764


 5, 72.562, 140.764


 0, 72.562, 140.764

 85, 72.562,
140.764


 85, 72.562,
140.764


 84, 85.136,
139.605


 86, 58.798,
141.837


 83, 95.984,
138.432


 88, 44.294,
142.789

 83, 104.520,
137.367

 90, 29.418,
143.615

 82, 110.232,
136.558

 92, 14.454,
144.328

 82, 113.069,

 94, 0.385, 324.131

136.123

96, 11.099,
324.800

82, 113.122,
136.116

Harmonies

Complementary

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



85, 72.562, 140.764



67, 72.139, 327.533

Rectangle

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



85, 72.562, 140.764



85, 72.562, 190.764



85, 72.562, 320.764



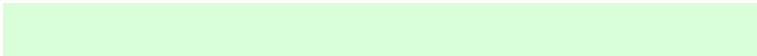
85, 72.562, 10.764

Sweetspot

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



85, 72.563, 140.764



97, 23.662, 143.962



92, 58.634, 106.225



51, 16.157, 143.809



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



85, 72.563, 140.764



90, 90.535, 139.547



86, 49.507, 159.235



49, 8.498, 144.346



65, 93.275, 136.153



19, 39.348, 138.095

Inverse Universe

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



67, 72.139, 327.533



68, 89.425, 327.980



65, 52.566, 350.072



47, 8.511, 325.394



43, 89.121, 328.909



10, 38.976, 328.813

Previews

White Background



This preview shows how the CIE LCh color 85, 72.562, 140.764 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 85, 72.562, 140.764 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

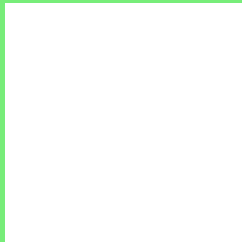
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 72.562, 140.764

Background



This preview shows how black text looks on a background with the CIELCh color 85, 72.562, 140.764.

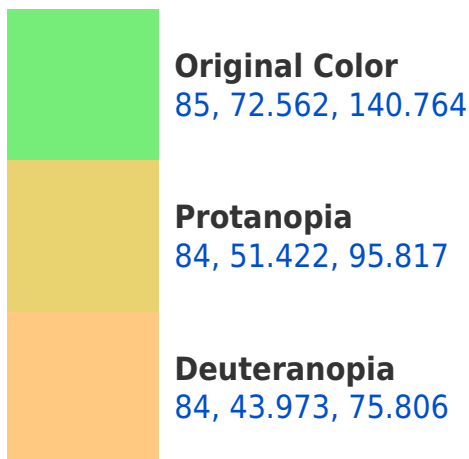


This preview shows how white text looks on a background with the CIELCh color 85, 72.562, 140.764.

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



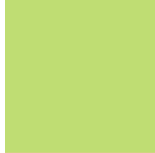


Tritanopia
85, 25.665, 219.767

Trichromacy



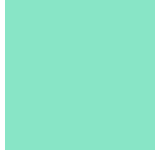
Original Color
85, 72.562, 140.764



Protanomaly
84, 55.036, 118.367



Deuteranomaly
83, 44.810, 110.453

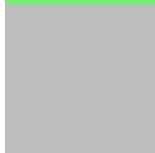


Tritanomaly
85, 35.313, 169.443

Monochromacy



Original Color
85, 72.562, 140.764



Achromatopsia
77, 0.009, 296.813



Achromatomaly
79, 28.031, 143.107

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 72.562, 140.764 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, 237, 121)` looks like.

```
.text, #text, p{  
    color:rgb(119, 237, 121)  
}
```

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, 237, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 237, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 72.562, 140.764 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, 237, 121) }
```

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

```
.border{ border-color:rgb(119, 237, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 237, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 237, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 237, 121);  
box-shadow:4px 4px 4px 4px rgb(119, 237,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 72.562, 140.764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 237, 121) }
```

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

```
.background{ background-color: rgb(119,  
237, 121) }
```

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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