

Converting Colors

CIELCh(86, 74.495, 122.916)

Have a look what the booklet for
CIELCh(86, 74.495, 122.916)
contains.

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Color

CIELCh(86, 74.500, 122.920)

Conversions

Conversions Part 1

Format	Color
Hex	AEE958
RGB	174, 233, 88
RGB Percent	68%, 91%, 35%
CMY	0.3176, 0.0862, 0.6549
CMYK	0.25, 0.00, 0.62, 0.09
HSL	84°, 77%, 63%
HSV	84°, 62%, 91%
XYZ	48.3606, 67.9871, 19.8081
YIQ	198.8290, 11.3810, -57.6030

Conversions

Conversions Part 2

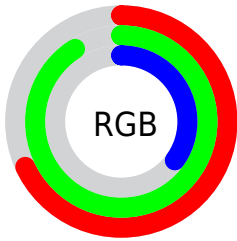
Format	Color
RYB	88, 233, 147
Decimal	11463000
CIELab	86.00, -40.49, 62.54
CIELCh	86, 74.500, 122.920
Yxy	67.9871, 0.3552, 0.4993
Android (android.graphics.Color)	4289653080 (0xFFAAEE958)
YUV	198.8290, -54.6387, -21.7750
Hunter-Lab	82.4543, -39.6022, 43.4747

Details

The CIELCh color **86, 74.500, 122.920** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted chartreuse. A complement of this color would be **51, 84.002, 309.584**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 56.186, 115.233**, and **66, 74.498, 123.041** is the 20% darker color. If you saturate the color by 10%, you get **85, 83.856, 122.873**, and if you desaturate by 10%, it is **87, 63.821, 123.206**.

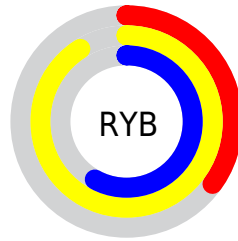
Distribution



Red (68%)

Green (91%)

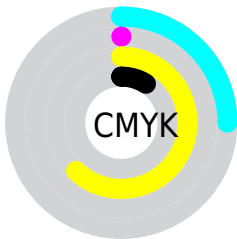
Blue (35%)



Red (35%)

Yellow (91%)

Blue (58%)

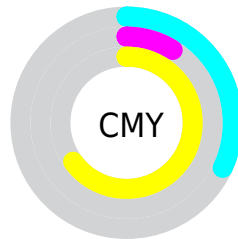


Cyan (25%)

Magenta (0%)

Yellow (62%)

Black (9%)



Cyan (32%)


Magenta (9%)


Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 74.500, 122.920 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 86, 74.500, 122.920 by changing the saturation by 10% instead.


 86, 74.500,
122.920


 86, 74.500,
122.920


 100, 74.500,
122.920


 76, 74.500,
122.920

 66, 74.500,
122.920

 56, 74.500,
122.920

 46, 74.500,
122.920

 36, 74.500,
122.920

 26, 74.500,
122.920


 16, 74.500,


122.920

 6, 74.500, 122.920


 0, 74.500, 122.920


 86, 74.500,
122.920


 86, 74.500,
122.920


 85, 83.856,
122.873

 87, 63.821,
123.206


 85, 91.333,
123.185


 88, 52.280,
123.630

 84, 96.469,
123.970

 89, 40.211,
124.123

 84, 99.015,
124.869


 90, 27.844,
124.641


 91, 15.332,

125.158

 92, 2.783, 125.681

 93, 9.728, 306.102

 94, 12.811,
318.153

 95, 13.728,
324.896

Harmonies

Complementary

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



86, 74.500, 122.920



51, 84.002, 309.584

Rectangle

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



86, 74.500, 122.920



86, 74.500, 172.920



86, 74.500, 302.920



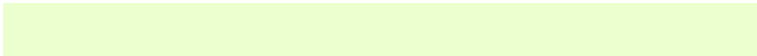
86, 74.500, 352.920

Sweetspot

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



86, 74.501, 122.921



98, 25.619, 124.804



68, 51.910, 57.959



52, 17.623, 124.654



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



86, 74.501, 122.921



92, 92.533, 122.926



83, 85.552, 137.184



49, 7.160, 125.299



67, 81.789, 124.603



20, 32.810, 123.767

Inverse Universe

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



51, 84.002, 309.584



48, 107.429, 310.211



60, 85.624, 324.394



45, 7.277, 306.222



26, 98.387, 310.007



4, 37.193, 308.524

Previews

White Background



This preview shows how the CIE LCh color 86, 74.500, 122.920 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 CIE LCh color 86, 74.500, 122.920 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 86, 74.500, 122.920

Background



This preview shows how black text looks on a background with the CIELCh color 86, 74.500, 122.920.

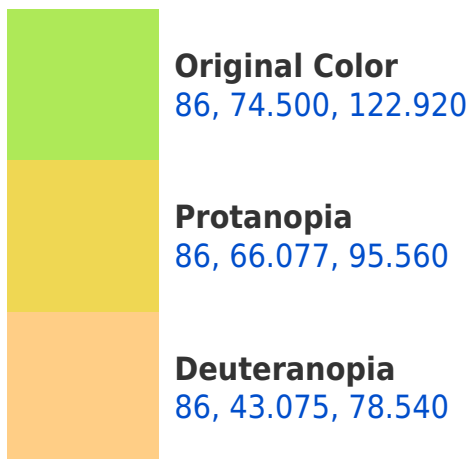


This preview shows how white text looks on a background with the CIELCh color 86, 74.500, 122.920.

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



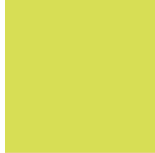


Tritanopia
86, 12.476, 248.489

Trichromacy



Original Color
86, 74.500, 122.920



Protanomaly
86, 67.164, 107.001



Deuteranomaly
85, 50.605, 101.087

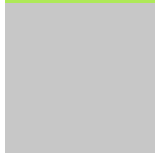


Tritanomaly
85, 25.518, 140.768

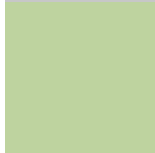
Monochromacy



Original Color
86, 74.500, 122.920



Achromatopsia
80, 0.010, 296.813



Achromatomaly
82, 28.443, 124.406

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 74.500, 122.920 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(174, 233, 88)` looks like.

```
.text, #text, p{  
    color:rgb(174, 233, 88)  
}
```

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(174, 233, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 233, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 74.500, 122.920 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(174, 233, 88) }
```

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

```
.border{ border-color:rgb(174, 233, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 233, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 233, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 233, 88);  
box-shadow:4px 4px 4px 4px rgb(174, 233,  
88) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 74.500, 122.920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 233, 88) }
```

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

```
.background{ background-color: rgb(174,  
233, 88) }
```

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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