

Converting Colors

CIELCh(82, 74.617, 121.341)

Have a look what the booklet for
CIELCh(82, 74.617, 121.341)
contains.

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Color

CIELCh(82, 74.680, 121.286)

Conversions

Conversions Part 1

Format	Color
Hex	A7DD4A
RGB	167, 221, 74
RGB Percent	65%, 87%, 29%
CMY	0.3459, 0.1341, 0.7105
CMYK	0.24, 0.00, 0.67, 0.13
HSL	82°, 68%, 58%
HSV	82°, 67%, 87%
XYZ	42.9311, 60.2982, 15.8211
YIQ	188.0960, 15.0030, -57.1650

Conversions

Conversions Part 2

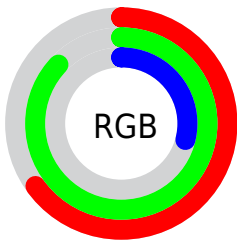
Format	Color
RYB	74, 221, 128
Decimal	11001162
CIELab	82.00, -38.78, 63.82
CIELCh	82, 74.680, 121.286
Yxy	60.2982, 0.3606, 0.5065
Android (android.graphics.Color)	4289191242 (0xFFA7DD4A)
YUV	188.0960, -56.2493, -18.5012
Hunter-Lab	77.6519, -37.2043, 42.2764

Details

The CIELCh color **82, 74.680, 121.286** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **45, 85.983, 308.795**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 62.562, 116.451**, and **62, 74.784, 121.237** is the 20% darker color. If you saturate the color by 10%, you get **81, 82.821, 121.354**, and if you desaturate by 10%, it is **83, 65.056, 121.502**.

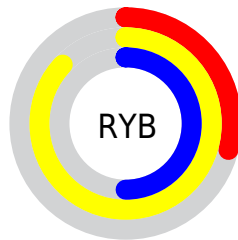
Distribution



Red (65%)

Green (87%)

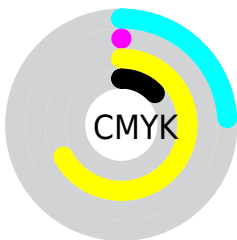
Blue (29%)



Red (29%)

Yellow (87%)

Blue (50%)

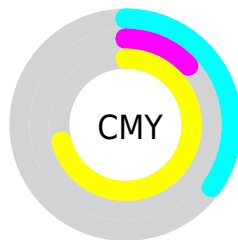


Cyan (24%)

Magenta (0%)

Yellow (67%)

Black (13%)



Cyan (35%)

Magenta (13%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 74.680, 121.286 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 82, 74.680, 121.286 by changing the saturation by 10% instead.

 82, 74.680,
121.286

 82, 74.680,
121.286

 100, 74.680,
121.286

 72, 74.680,
121.286

 62, 74.680,
121.286

 52, 74.680,
121.286

 42, 74.680,
121.286

 32, 74.680,
121.286

 22, 74.680,
121.286

 12, 74.680,

121.286

■ 2, 74.680, 121.286

■ 0, 74.680, 121.286

■ 82, 74.680,
121.286

■ 82, 74.680,
121.286

■ 81, 82.821,
121.354

■ 83, 65.056,
121.502

■ 81, 88.955,
121.823

■ 83, 54.434,
121.892

■ 80, 92.784,
122.777

■ 84, 43.183,
122.378

■ 80, 93.795,
123.157


■ 85, 31.558,
122.908


■ 86, 19.732,

123.449

 87, 7.822, 123.984

 88, 4.092, 304.459

 90, 15.952,
304.948

 90, 19.021,
311.580

Harmonies

Complementary

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



82, 74.680, 121.286



45, 85.983, 308.795

Rectangle

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



82, 74.680, 121.286



82, 74.680, 171.286



82, 74.680, 301.286



82, 74.680, 351.286

Sweetspot

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



82, 74.681, 121.287



98, 26.748, 123.255



63, 54.161, 54.580



52, 18.236, 123.102



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



82, 74.681, 121.287



92, 95.419, 121.490



79, 85.799, 136.221



46, 6.723, 123.832



64, 78.158, 122.899



17, 28.127, 123.174

Inverse Universe

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



45, 85.983, 308.795



44, 113.705, 309.467



55, 86.189, 323.427



43, 6.839, 304.804



24, 96.004, 309.358



3, 30.447, 304.510

Previews

White Background



This preview shows how the CIELCh color 82, 74.680, 121.286 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 82, 74.680, 121.286 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 82, 74.680, 121.286

Background



This preview shows how black text looks on a background with the CIELCh color 82, 74.680, 121.286.

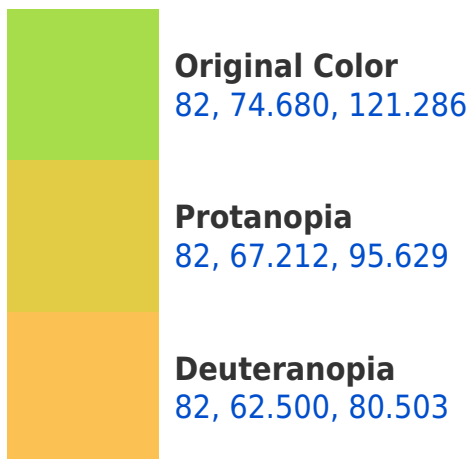


This preview shows how white text looks on a background with the CIELCh color 82, 74.680, 121.286.

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
82, 11.368, 251.795

Trichromacy



Original Color
82, 74.680, 121.286



Protanomaly
82, 67.922, 105.986



Deuteranomaly
81, 62.097, 97.399

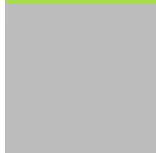


Tritanomaly
81, 25.466, 137.418

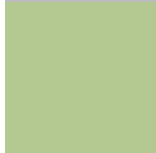
Monochromacy



Original Color
82, 74.680, 121.286



Achromatopsia
76, 0.009, 296.813



Achromatomaly
78, 29.603, 123.009

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 74.680, 121.286 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(167, 221, 74)` looks like.

```
.text, #text, p{  
    color:rgb(167, 221, 74)  
}
```

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(167, 221, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 221, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 74.680, 121.286 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(167, 221, 74) }
```

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

```
.border{ border-color:rgb(167, 221, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 221, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 221, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 221, 74);  
box-shadow:4px 4px 4px 4px rgb(167, 221,  
74) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 74.680, 121.286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 221, 74) }
```

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

```
.background{ background-color: rgb(167,  
221, 74) }
```

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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