

Converting Colors

CIELCh(81, 70.182, 115.530)

Have a look what the booklet for
CIELCh(81, 70.182, 115.530)
contains.

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Color

CIELCh(81, 70.182, 115.530)

Conversions

Conversions Part 1

Format	Color
Hex	B5D649
RGB	181, 214, 73
RGB Percent	71%, 84%, 29%
CMY	0.2897, 0.1603, 0.7133
CMYK	0.15, 0.00, 0.66, 0.16
HSL	74°, 63%, 56%
HSV	74°, 66%, 84%
XYZ	44.3650, 58.4711, 15.2710
YIQ	188.0590, 25.5930, -50.8470

Conversions

Conversions Part 2

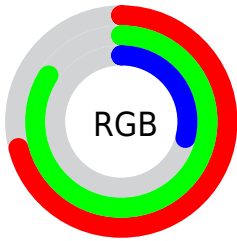
Format	Color
RYB	73, 214, 106
Decimal	11916873
CIELab	81.00, -30.25, 63.33
CIElCh	81, 70.182, 115.530
Yxy	58.4711, 0.3756, 0.4951
Android (android.graphics.Color)	4290106953 (0xFFB5D649)
YUV	188.0590, -56.7241, -6.1907
Hunter-Lab	76.4664, -30.2524, 41.6858

Details

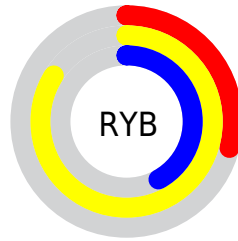
The CIELCh color **81, 70.182, 115.530** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **42, 83.409, 305.508**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 62.566, 111.303**, and **61, 70.060, 115.328** is the 20% darker color. If you saturate the color by 10%, you get **81, 77.845, 115.423**, and if you desaturate by 10%, it is **82, 61.081, 115.884**.

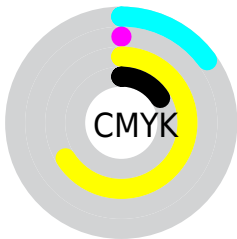
Distribution



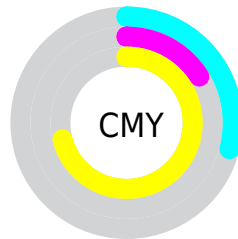
- Red (71%)
- Green (84%)
- Blue (29%)



- Red (29%)
- Yellow (84%)
- Blue (42%)



- Cyan (15%)
- Magenta (0%)
- Yellow (66%)
- Black (16%)





- Cyan (29%)
- Magenta (16%)
- Yellow (71%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 70.182, 115.530 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, 70.182, 115.530 by changing the saturation by 10% instead.


 81, 70.182,
115.530


 81, 70.182,
115.530


 100, 70.182,
115.530


 71, 70.182,
115.530

 61, 70.182,
115.530

 51, 70.182,
115.530

 41, 70.182,
115.530

 31, 70.182,
115.530

 21, 70.182,
115.530

 11, 70.182,

115.530

■ 1, 70.182, 115.530

■ 0, 70.182, 115.530

■ 81, 70.182,
115.530

■ 81, 70.182,
115.530

■ 81, 77.845,
115.423

■ 82, 61.081,
115.884

■ 80, 83.550,
115.658

■ 82, 51.013,
116.392

■ 80, 86.965,
116.316

■ 83, 40.332,
116.990

■ 80, 87.968,
116.661

■ 83, 29.281,
117.631

■ 84, 18.020,

118.286

■ 85, 6.656, 118.935

■ 86, 4.737, 299.553

■ 87, 16.110,
300.154

■ 88, 21.861,
302.665

Harmonies

Complementary

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



81, 70.182, 115.530



42, 83.409, 305.508

Rectangle

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



81, 70.182, 115.530



81, 70.182, 165.530



81, 70.182, 295.530



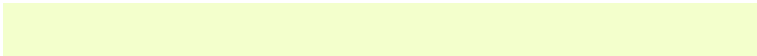
81, 70.182, 345.530

Sweetspot

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



81, 70.183, 115.532



98, 26.167, 118.001



57, 55.045, 43.470



52, 17.833, 117.815



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, 70.183, 115.532



94, 91.675, 115.469



77, 80.083, 133.321



45, 6.460, 118.705



65, 74.276, 116.469



16, 25.685, 117.355

Inverse Universe

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



42, 83.409, 305.508



42, 114.272, 306.864



51, 82.870, 319.237



41, 6.590, 299.929



22, 97.129, 307.615



2, 27.912, 299.840

Previews

White Background



This preview shows how the CIELCh color 81, 70.182, 115.530 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, 70.182, 115.530 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, 70.182, 115.530

Background



This preview shows how black text looks on a background with the CIELCh color 81, 70.182, 115.530.



This preview shows how white text looks on a background with the CIELCh color 81, 70.182, 115.530.

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
81, 8.557, 283.849

Trichromacy



Original Color
81, 70.182, 115.530

Protanomaly
81, 66.346, 103.488

Deuteranomaly
80, 61.849, 94.462

Tritanomaly
80, 22.298, 122.271

Monochromacy



Original Color
81, 70.182, 115.530

Achromatopsia
76, 0.009, 296.813

Achromatomaly
77, 27.409, 117.688

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 70.182, 115.530 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(181, 214, 73)` looks like.

```
.text, #text, p{  
    color:rgb(181, 214, 73)  
}
```

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(181, 214, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 214, 73) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 70.182, 115.530 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(181, 214, 73) }
```

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

```
.border{ border-color:rgb(181, 214, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 214, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 214, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 214, 73);  
box-shadow:4px 4px 4px 4px rgb(181, 214,  
73) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 70.182, 115.530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 214, 73) }
```

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

```
.background{ background-color: rgb(181,  
214, 73) }
```

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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