

Converting Colors

CIELCh(83, 47.062, 132.090)

Have a look what the booklet for
CIELCh(83, 47.062, 132.090)
contains.

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Color

CIELCh(83, 46.949, 131.862)

Conversions

Conversions Part 1

Format	Color
Hex	A9DD8B
RGB	169, 221, 139
RGB Percent	66%, 87%, 55%
CMY	0.3364, 0.1324, 0.4541
CMYK	0.24, 0.00, 0.37, 0.13
HSL	98°, 55%, 71%
HSV	98°, 37%, 87%
XYZ	47.0020, 62.1629, 34.0284
YIQ	196.1040, -4.6700, -36.5260

Conversions

Conversions Part 2

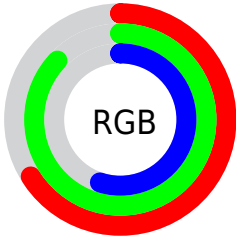
Format	Color
RYB	139, 221, 191
Decimal	11132299
CIELab	83.00, -31.33, 34.97
CIELCh	83, 46.949, 131.862
Yxy	62.1629, 0.3282, 0.4341
Android (android.graphics.Color)	4289322379 (0xFFA9DD8B)
YUV	196.1040, -28.1523, -23.7702
Hunter-Lab	78.8435, -31.5646, 29.6012

Details

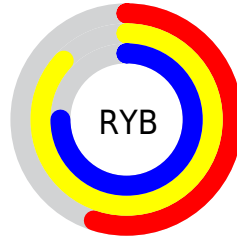
The CIELCh color **83, 46.949, 131.862** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **66, 48.661, 315.232**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 33.329, 127.361**, and **63, 47.040, 132.017** is the 20% darker color. If you saturate the color by 10%, you get **82, 59.122, 131.358**, and if you desaturate by 10%, it is **84, 34.408, 132.377**.

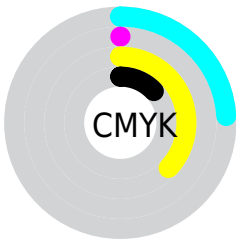
Distribution



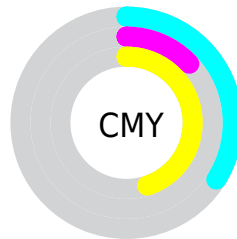
- Red (66%)
- Green (87%)
- Blue (55%)



- Red (55%)
- Yellow (87%)
- Blue (75%)



- Cyan (24%)
- Magenta (0%)
- Yellow (37%)
- Black (13%)



- Cyan (34%)
- Magenta (13%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 46.949, 131.862 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 83, 46.949, 131.862 by changing the saturation by 10% instead.

■ 83, 46.949,
131.862

■ 83, 46.949,
131.862

■ 100, 46.949,
131.862

■ 73, 46.949,
131.862

■ 63, 46.949,
131.862

■ 53, 46.949,
131.862

■ 43, 46.949,
131.862

■ 33, 46.949,
131.862

■ 23, 46.949,
131.862

■ 13, 46.949,

131.862

■ 3, 46.949, 131.862

■ 0, 46.949, 131.862

■ 83, 46.949,
131.862

■ 83, 46.949,
131.862

■ 82, 59.122,
131.358

■ 84, 34.408,
132.377

■ 81, 70.636,
130.912

■ 86, 21.697,
132.871

■ 80, 81.096,
130.609

■ 87, 8.959, 133.336

■ 79, 89.991,
130.564

■ 89, 3.703, 313.681

■ 90, 16.217,
314.083

■ 79, 96.780,

130.907

92, 20.832,
323.844

78, 101.162,
131.709

92, 21.134,
325.160

78, 102.181,
131.962

Harmonies

Complementary

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



83, 46.949, 131.862



66, 48.661, 315.232

Rectangle

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



83, 46.949, 131.862



83, 46.949, 181.862



83, 46.949, 311.862



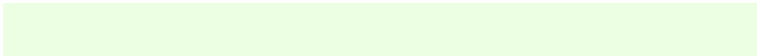
83, 46.949, 1.862

Sweetspot

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



83, 46.951, 131.863



98, 15.661, 133.152



79, 30.365, 83.475



52, 10.528, 133.088



0, 0.000, 0.000



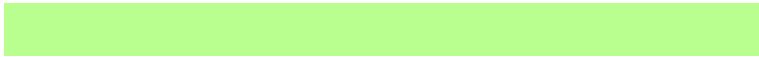
53, 0.007, 296.813

Same Dimension

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



83, 46.951, 131.863



93, 62.185, 131.492



82, 47.939, 145.409



45, 7.147, 133.228



63, 84.959, 131.726



16, 30.555, 132.636

Inverse Universe

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



66, 48.661, 315.232



70, 64.912, 315.544



68, 47.963, 330.548



43, 7.218, 313.990



30, 90.805, 315.419



4, 32.300, 314.770

Previews

White Background



This preview shows how the CIELCh color 83, 46.949, 131.862 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 83, 46.949, 131.862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

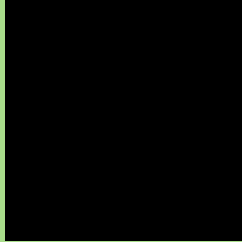
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 46.949, 131.862

Background



This preview shows how black text looks on a background with the CIELCh color 83, 46.949, 131.862.

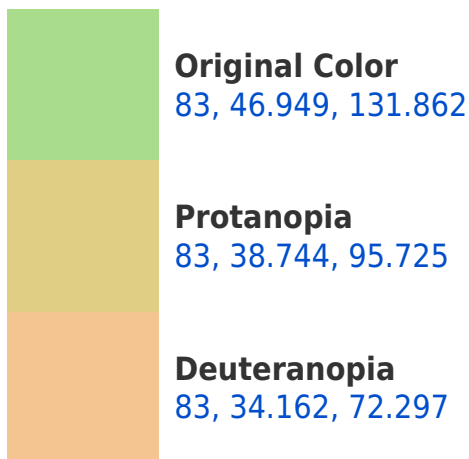


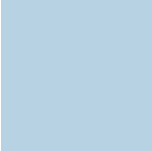
This preview shows how white text looks on a background with the CIELCh color 83, 46.949, 131.862.

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



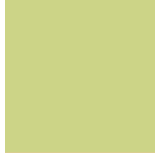


Tritanopia
83, 12.508, 241.659

Trichromacy



Original Color
83, 46.949, 131.862



Protanomaly
83, 39.946, 111.327



Deuteranomaly
82, 33.213, 99.505

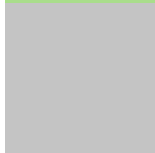


Tritanomaly
83, 17.113, 160.102

Monochromacy



Original Color
83, 46.949, 131.862



Achromatopsia
79, 0.010, 296.813



Achromatomaly
80, 17.467, 132.964

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 46.949, 131.862 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(169, 221, 139)` looks like.

```
.text, #text, p{  
    color:rgb(169, 221, 139)  
}
```

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(169, 221, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 221, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 46.949, 131.862 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(169, 221, 139) }
```

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

```
.border{ border-color:rgb(169, 221, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 221, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 221, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 221, 139);  
box-shadow:4px 4px 4px 4px rgb(169, 221,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 46.949, 131.862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 221, 139) }
```

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

```
.background{ background-color: rgb(169,  
221, 139) }
```

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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