

Converting Colors

CIELCh(83, 13.273, 169.098)

Have a look what the booklet for
CIELCh(83, 13.273, 169.098)
contains.

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Color

CIELCh(83, 13.146, 169.630)

Conversions

Conversions Part 1

Format	Color
Hex	B6D6CA
RGB	182, 214, 202
RGB Percent	71%, 84%, 79%
CMY	0.2871, 0.1616, 0.2086
CMYK	0.15, 0.00, 0.06, 0.16
HSL	157°, 28%, 78%
HSV	157°, 15%, 84%
XYZ	53.8738, 62.1629, 64.9087
YIQ	203.0640, -15.2200, -10.5160

Conversions

Conversions Part 2

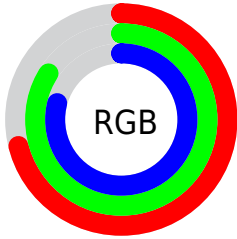
Format	Color
RYB	182, 202, 214
Decimal	11982538
CIELab	83.00, -12.93, 2.37
CIELCh	83, 13.146, 169.630
Yxy	62.1629, 0.2977, 0.3435
Android (android.graphics.Color)	4290172618 (0xFFB6D6CA)
YUV	203.0640, -0.5246, -18.4731
Hunter-Lab	78.8435, -16.0070, 6.3793

Details

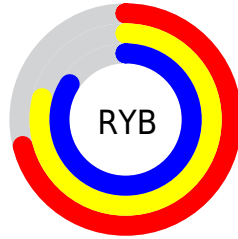
The CIELCh color **83, 13.146, 169.630** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **77, 13.581, 352.370**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 5.840, 199.149**, and **63, 12.917, 169.800** is the 20% darker color. If you saturate the color by 10%, you get **82, 21.749, 168.584**, and if you desaturate by 10%, it is **85, 4.378, 170.640**.

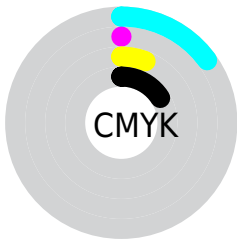
Distribution



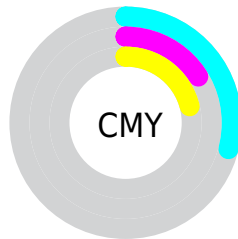
- Red (71%)
- Green (84%)
- Blue (79%)



- Red (71%)
- Yellow (79%)
- Blue (84%)



- Cyan (15%)
- Magenta (0%)
- Yellow (6%)
- Black (16%)





- Cyan (29%)
- Magenta (16%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 13.146, 169.630 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, 13.146, 169.630 by changing the saturation by 10% instead.


 83, 13.146,
169.630


 83, 13.146,
169.630


 100, 13.146,
169.630


 73, 13.146,
169.630


 63, 13.146,
169.630

 53, 13.146,
169.630

 43, 13.146,
169.630

 33, 13.146,
169.630

 23, 13.146,
169.630

 13, 13.146,

169.630

■ 3, 13.146, 169.630

■ 0, 13.146, 169.630

■ 83, 13.146,
169.630

■ 83, 13.146,
169.630

■ 82, 21.749,
168.584

■ 85, 4.378, 170.640

■ 80, 30.049,
167.448

■ 86, 4.451, 351.297

■ 88, 13.248,
352.179

■ 79, 37.905,
166.191

■ 89, 18.126,
345.752

■ 78, 45.167,
164.787

■ 90, 20.688,
336.171

■ 77, 51.703,

163.211

90, 23.722,
328.948

77, 57.413,
161.439

90, 25.817,
325.324

76, 62.258,
159.458

76, 66.280,
157.272

76, 68.109,
156.150

Harmonies

Complementary

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



83, 13.146, 169.630



77, 13.581, 352.370

Rectangle

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



83, 13.146, 169.630



83, 13.146, 219.630



83, 13.146, 349.630



83, 13.146, 39.630

Sweetspot

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



83, 13.148, 169.626



99, 4.067, 170.749



83, 18.402, 132.398



53, 2.891, 170.659



0, 0.000, 0.000



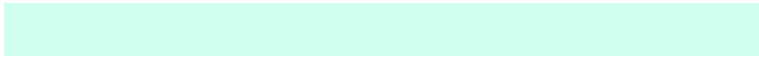
53, 0.007, 296.813

Same Dimension

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



83, 13.148, 169.626



97, 18.203, 169.300



82, 9.967, 210.253



44, 5.006, 170.179



62, 57.233, 156.534



15, 20.647, 161.470

Inverse Universe

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



77, 13.581, 352.370



88, 18.935, 352.720



78, 11.010, 30.595



42, 5.112, 351.789



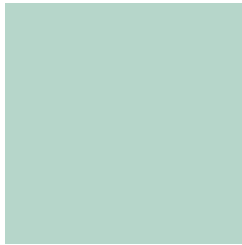
36, 63.106, 13.738



5, 22.590, 2.141

Previews

White Background



This preview shows how the CIELCh color 83, 13.146, 169.630 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, 13.146, 169.630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

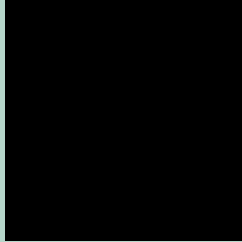
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

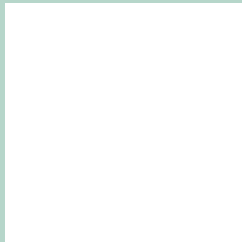
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 13.146, 169.630

Background



This preview shows how black text looks on a background with the CIELCh color 83, 13.146, 169.630.

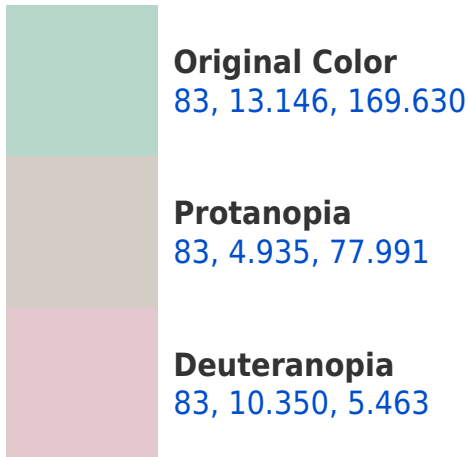


This preview shows how white text looks on a background with the CIELCh color 83, 13.146, 169.630.

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, 11.959, 247.968

Trichromacy



Original Color
83, 13.146, 169.630

Protanomaly
83, 5.417, 137.993

Deuteranomaly
83, 2.254, 32.837

Tritanomaly
83, 9.942, 220.780

Monochromacy



Original Color
83, 13.146, 169.630

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 4.849, 173.266

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 13.146, 169.630 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(182, 214, 202)` looks like.

```
.text, #text, p{  
    color:rgb(182, 214, 202)  
}
```

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(182, 214, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 214, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 13.146, 169.630 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(182, 214, 202) }
```

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

```
.border{ border-color:rgb(182, 214, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 214, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 214, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 214, 202);  
box-shadow:4px 4px 4px 4px rgb(182, 214,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 13.146, 169.630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 214, 202) }
```

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

```
.background{ background-color: rgb(182,  
214, 202) }
```

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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