

Converting Colors

CIELCh(83, 18.048, 126.737)

Have a look what the booklet for
CIELCh(83, 18.048, 126.737)
contains.

CIELCh(83, 18.260, 126.743)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(83, 18.260, 126.743)

Conversions

Conversions Part 1

Format	Color
Hex	C5D4B3
RGB	197, 212, 179
RGB Percent	77%, 83%, 70%
CMY	0.2277, 0.1689, 0.2983
CMYK	0.07, 0.00, 0.16, 0.17
HSL	87°, 28%, 77%
HSV	87°, 16%, 83%
XYZ	54.6617, 62.1629, 51.7277
YIQ	203.7530, 1.6530, -13.4430

Conversions

Conversions Part 2

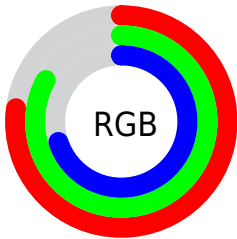
Format	Color
RYB	179, 212, 194
Decimal	12965043
CIELab	83.00, -10.92, 14.63
CIElCh	83, 18.260, 126.743
Yxy	62.1629, 0.3243, 0.3688
Android (android.graphics.Color)	4291155123 (0xFFC5D4B3)
YUV	203.7530, -12.2032, -5.9224
Hunter-Lab	78.8435, -14.2231, 16.2914

Details

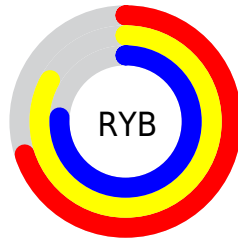
The CIELCh color **83, 18.260, 126.743** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **75, 18.694, 308.218**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 10.134, 111.444**, and **63, 18.122, 126.450** is the 20% darker color. If you saturate the color by 10%, you get **82, 29.951, 126.250**, and if you desaturate by 10%, it is **84, 6.523, 127.232**.

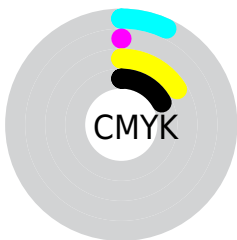
Distribution



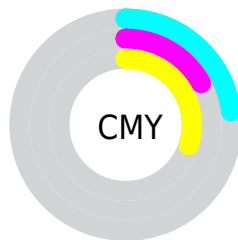
- Red (77%)
- Green (83%)
- Blue (70%)



- Red (70%)
- Yellow (83%)
- Blue (76%)



- Cyan (7%)
- Magenta (0%)
- Yellow (16%)
- Black (17%)





- Cyan (23%)
- Magenta (17%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 18.260, 126.743 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, 18.260, 126.743 by changing the saturation by 10% instead.


 83, 18.260,
126.743


 83, 18.260,
126.743


 100, 18.260,
126.743


 73, 18.260,
126.743

 63, 18.260,
126.743

 53, 18.260,
126.743

 43, 18.260,
126.743

 33, 18.260,
126.743

 23, 18.260,
126.743

 13, 18.260,

126.743

■ 3, 18.260, 126.743

■ 0, 18.260, 126.743

■ 83, 18.260,
126.743

■ 83, 18.260,
126.743

■ 82, 29.951,
126.250

■ 84, 6.523, 127.232

■ 81, 41.477,
125.756

■ 85, 5.188, 307.641

■ 80, 52.677,
125.293

■ 87, 16.815,
308.069

■ 79, 63.313,
124.914

■ 88, 24.023,
311.427

■ 78, 73.042,

■ 89, 25.304,
318.647

124.694

90, 26.942,
325.198

78, 81.408,
124.742

90, 26.991,
325.364

77, 87.901,
125.185

77, 92.176,
126.120

77, 93.610,
126.615

Harmonies

Complementary

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



83, 18.260, 126.743



75, 18.694, 308.218

Rectangle

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



83, 18.260, 126.743



83, 18.260, 176.743



83, 18.260, 306.743



83, 18.260, 356.743

Sweetspot

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



83, 18.262, 126.746



99, 6.800, 127.257



79, 10.542, 68.002



53, 4.641, 127.222



0, 0.000, 0.000



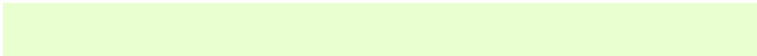
53, 0.007, 296.813

Same Dimension

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



83, 18.262, 126.746



97, 25.888, 126.567



82, 21.039, 142.211



45, 6.710, 127.045



63, 79.549, 126.368



15, 27.343, 127.281

Inverse Universe

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



75, 18.694, 308.218



86, 26.645, 308.412



77, 21.089, 323.889



42, 6.810, 307.902



25, 93.273, 310.980



3, 28.700, 306.669

Previews

White Background



This preview shows how the CIELCh color 83, 18.260, 126.743 looks on a white background.

Color Contrast Check

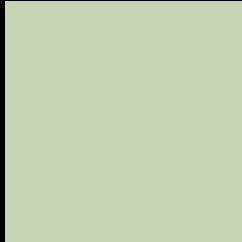
Large Text (above 18pt) WCAG AA × Fail

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, 18.260, 126.743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

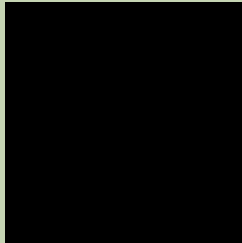
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

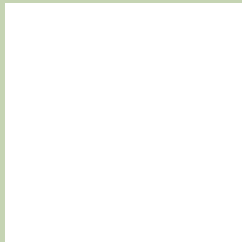
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 18.260, 126.743

Background



This preview shows how black text looks on a background with the CIELCh color 83, 18.260, 126.743.

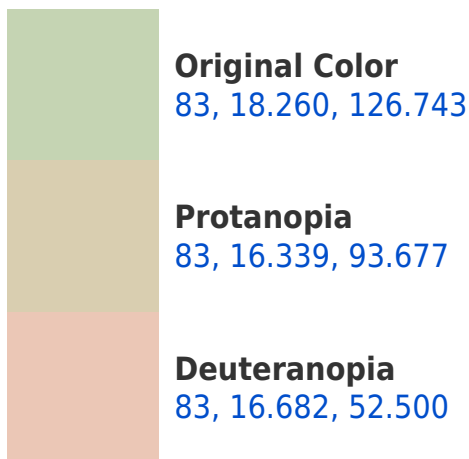


This preview shows how white text looks on a background with the CIELCh color 83, 18.260, 126.743.

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](#).

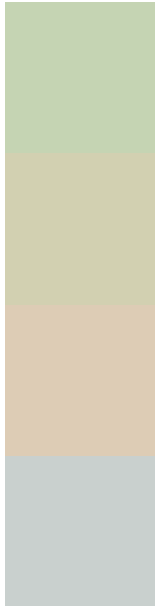
Dichromacy





Tritanopia
83, 8.511, 283.822

Trichromacy



Original Color
83, 18.260, 126.743

Protanomaly
83, 16.298, 106.041

Deuteranomaly
83, 13.779, 80.735

Tritanomaly
83, 2.751, 176.833

Monochromacy



Original Color
83, 18.260, 126.743

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 6.725, 128.834

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 18.260, 126.743 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(197, 212, 179)` looks like.

```
.text, #text, p{  
    color:rgb(197, 212, 179)  
}
```

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(197, 212, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 212, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 18.260, 126.743 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(197, 212, 179) }
```

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

```
.border{ border-color:rgb(197, 212, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 212, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 212, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 212, 179);  
box-shadow:4px 4px 4px 4px rgb(197, 212,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 18.260, 126.743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 212, 179) }
```

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

```
.background{ background-color: rgb(197,  
212, 179) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor