

# Converting Colors

HunterLab(83.3181, -16.9495,  
18.6232)

Have a look what the booklet for  
HunterLab(83.3181, -16.9495,  
18.6232) contains.

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# Color

**HunterLab(83.4322,  
-17.1911, 18.8841)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CCE0B8
RGB	204, 224, 184
RGB Percent	80%, 88%, 72%
CMY	0.2000, 0.1215, 0.2784
CMYK	0.09, 0.00, 0.18, 0.12
HSL	90°, 39%, 80%
HSV	90°, 18%, 88%
XYZ	60.2092, 69.6093, 55.6099
YIQ	213.4600, 0.9200, -16.6800

# Conversions

## Conversions Part 2

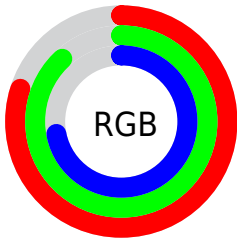
<b>Format</b>	<b>Color</b>
<b>RYB</b>	184, 224, 204
Decimal	13426872
CIELab	86.81, -13.71, 17.38
CIELCh	87, 22.140, 128.264
Yxy	69.6123, 0.3247, 0.3754
Android (android.graphics.Color)	4291616952 (0xFFCCE0B8)
YUV	213.4600, -14.5238, -8.2964
Hunter-Lab	83.4322, -17.1911, 18.8841

# Details

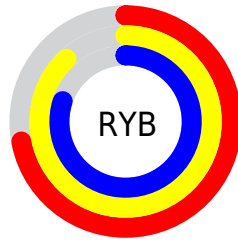
The HunterLab color  $83.4322, -17.1911, 18.8841$  is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be  $72.4583, 9.9205, -12.8857$ , and the grayscale version is  $81.8316, -4.3663, 4.4461$ .

A 20% lighter version of the original color is  $99.5346, -7.8917, 12.0885$ , and  $60.4141, -14.5385, 15.8992$  is the 20% darker color. If you saturate the color by 10%, you get  $81.9876, -23.5508, 25.5230$ , and if you desaturate by 10%, it is  $85.0104, -10.3312, 11.2977$ .

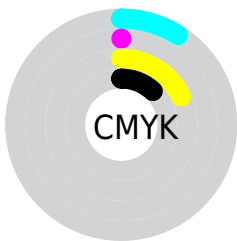
# Distribution



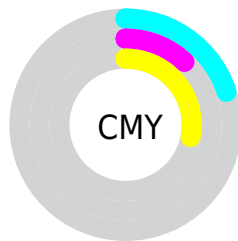
- Red (80%)
- Green (88%)
- Blue (72%)



- Red (72%)
- Yellow (88%)
- Blue (80%)



- Cyan (9%)
- Magenta (0%)
- Yellow (18%)
- Black (12%)




- Cyan (20%)
- Magenta (12%)
- Yellow (28%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.4322, -17.1911, 18.8841 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 HunterLab color 83.4322, -17.1911, 18.8841 by changing the saturation by 10% instead.





 83.4322, -17.1911,  
18.8841

 83.4322, -17.1911,  
18.8841


214.2867,  
-29.1436, 32.2509

 71.5616, -15.8830,  
17.3753


 108.9292,  
-19.8097, 21.8662

 60.3127, -14.5662,  
15.8438


122.5015,  
-21.1218, 23.3466

 49.7241, -13.2369,  
14.2809


136.5949,  
-22.4390, 24.8247

 39.8399, -11.8863,  
12.6728

151.1908,  
-23.7628, 26.3030

 30.7144, -10.5014,  
10.9988

166.2724,  
-25.0944, 27.7833

 22.4169, -9.0612,  
9.2265

181.8246,

 15.0401, -7.5292,

-26.4346, 29.2672

7.3329

197.8336,  
-27.7841, 30.7561

■ 8.6805, -7.3462,  
6.0763

0.0000, NaN, NaN

■ 83.4322, -17.1911,  
18.8841

■ 83.4322, -17.1911,  
18.8841

■ 81.9876, -23.5508,  
25.5230

■ 85.0104, -10.3312,  
11.2977

■ 80.6723, -29.3745,  
31.1872

■ 86.7147, -2.9985,  
2.7949

■ 79.4884, -34.6399,  
35.8667

■ 88.5443, 4.7692,  
-6.5815

■ 78.4348, -39.3297,  
39.5665

■ 89.7989, 9.2393,  
-6.9696

■ 77.5095, -43.4360,  
42.3109

■ 90.4401, 11.3620,  
-6.0945

■ 76.7083, -46.9622,  
44.1477

■ 76.0254, -49.9266,  
45.1544

■ 75.4507, -52.3750,  
45.4672

■ 75.3380, -52.8537,  
45.4976

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.4340, -7.4839, 22.1477



83.4322, -17.1911, 18.8841



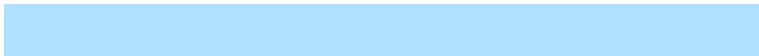
83.4340, -23.2640, 11.6755

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.4340, -17.1931, 18.8852



83.4340, -12.1691, -16.4656



83.4340, 17.5953, 7.3907

# Complementary

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



83.4322, -17.1911, 18.8841



72.4583, 9.9205, -12.8857

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.4340, 16.1807, -3.2839



83.4322, -17.1911, 18.8841



83.4340, -1.3849, -18.0023

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.4340, -17.1931, 18.8852



83.4340, -20.4700, -8.9491



83.4340, 9.0936, -12.9103



83.4340, 12.8644, 16.0986



# Rectangle

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



83.4322, -17.1911, 18.8841



83.4340, -24.6218, 5.1507



83.4340, 9.0936, -12.9103



83.4340, 17.8273, 3.9277

# Sweetspot

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



83.4340, -17.1931, 18.8852



99.0033, -9.6224, 10.4113



79.0546, -0.6394, 14.6911



45.7401, -4.7255, 5.1307

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

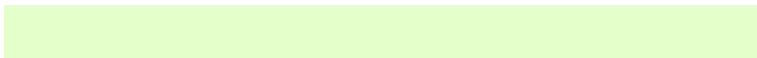


# Same Dimension

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



83.4340, -17.1931, 18.8852



96.0669, -22.4048, 24.5282



81.8324, -23.0689, 17.1647



39.5880, -5.3496, 5.8687



57.5361, -40.0777, 34.7518



15.3226, -9.8362, 9.2695



# Inverse Universe

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



72.4583, 9.9205, -12.8857



81.0770, 14.6699, -18.9687



74.5063, 16.5661, -9.9211



36.8487, 1.4038, -2.0284



22.8180, 52.8048, -91.6745

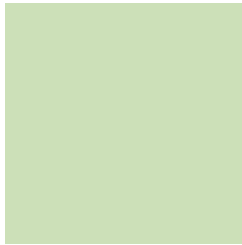


6.4353, 14.3947, -21.9965



# Previews

## White Background



This preview shows how the HunterLab color 83.4322, -17.1911, 18.8841 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

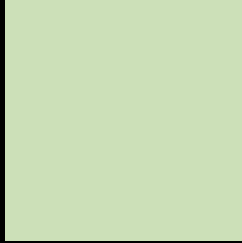
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 83.4322, -17.1911, 18.8841 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

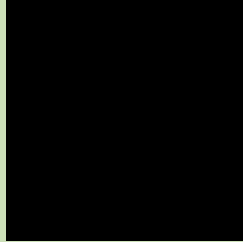
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

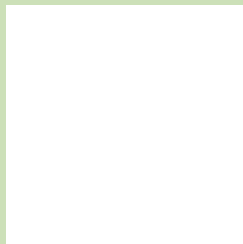
Any Text WCAG AAA ✓ Pass

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

## HunterLab 83.4322, -17.1911, 18.8841 Background



This preview shows how black text looks on a background with the HunterLab color 83.4322, -17.1911, 18.8841.



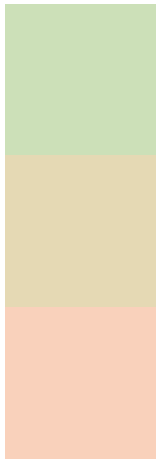
This preview shows how white text looks on a background with the HunterLab color 83.4322,

-17.1911, 18.8841.

# 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



**Original Color**

83.4322, -17.1911, 18.8841

**Protanopia**

83.4140, -6.1000, 20.6006

**Deuteranopia**

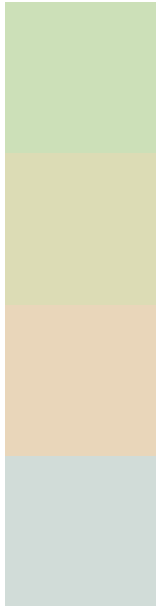
83.2638, 6.1481, 17.9371



## Tritanopia

83.4046, -2.9615, -3.9940

# Trichromacy



## Original Color

83.4322, -17.1911, 18.8841

## Protanomaly

83.5094, -10.5205, 20.2364

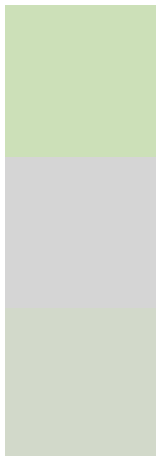
## Deuteranomaly

83.0433, -2.3558, 17.9629

## Tritanomaly

83.4863, -8.6604, 5.1551

# Monochromacy



## Original Color

83.4322, -17.1911, 18.8841

## Achromatopsia

81.5713, -4.3524, 4.4319

## Achromatomaly

82.2141, -9.1502, 10.2031

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 83.4322, -17.1911, 18.8841 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(204, 224, 184)` looks like.

```
.text, #text, p{  
    color:rgb(204, 224, 184)  
}
```

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(204, 224, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 224, 184) }
```

## Border

The CSS property to change the border of an element to HunterLab 83.4322, -17.1911, 18.8841 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(204, 224, 184) }
```



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

```
.border{ border-color:rgb(204, 224, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 224, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 224, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 224, 184);  
box-shadow:4px 4px 4px 4px rgb(204, 224,  
184) }
```

# Background

The CSS property to change the background color of an element to HunterLab 83.4322, -17.1911, 18.8841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 224, 184) }
```

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

```
.background{ background-color: rgb(204,  
224, 184) }
```

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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