

Converting Colors

HunterLab(83.8418, -17.6644,
27.7642)

Have a look what the booklet for
HunterLab(83.8418, -17.6644,
27.7642) contains.

HunterLab(83.9849, -17.9396, 27.9584)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(83.9849,
-17.9396, 27.9584)**

Conversions

Conversions Part 1

Format	Color
Hex	D5E1A0
RGB	213, 225, 160
RGB Percent	84%, 88%, 63%
CMY	0.1647, 0.1176, 0.3725
CMYK	0.05, 0.00, 0.29, 0.12
HSL	71°, 52%, 75%
HSV	71°, 29%, 88%
XYZ	60.7110, 70.5346, 43.6725
YIQ	214.0020, 13.7130, -22.7590

Conversions

Conversions Part 2

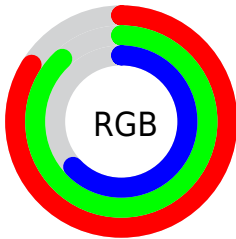
Format	Color
RYB	160, 225, 172
Decimal	14016928
CIELab	87.26, -14.48, 30.54
CIELCh	87, 33.795, 115.364
Yxy	70.5378, 0.3471, 0.4032
Android (android.graphics.Color)	4292207008 (0xFFD5E1A0)
YUV	214.0020, -26.6230, -0.8788
Hunter-Lab	83.9849, -17.9396, 27.9584

Details

The HunterLab color $83.9849, -17.9396, 27.9584$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $62.7299, 13.0855, -28.4487$, and the grayscale version is $82.1121, -4.3813, 4.4613$.

A 20% lighter version of the original color is $98.8364, -11.7484, 22.1305$, and $60.9108, -15.2145, 23.4568$ is the 20% darker color. If you saturate the color by 10%, you get $83.1906, -21.7163, 33.8792$, and if you desaturate by 10%, it is $84.8689, -13.7364, 20.9471$.

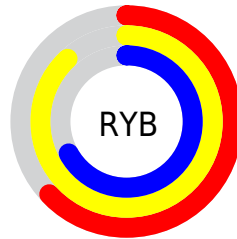
Distribution



Red (84%)

Green (88%)

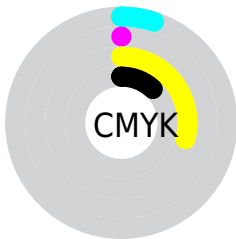
Blue (63%)



Red (63%)

Yellow (88%)

Blue (67%)

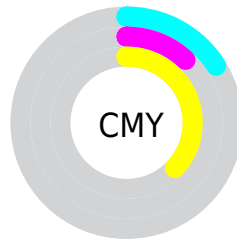


Cyan (5%)

Magenta (0%)

Yellow (29%)

Black (12%)



Cyan (16%)


Magenta (12%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 83.9849, -17.9396, 27.9584 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 83.9849, -17.9396, 27.9584 by changing the saturation by 10% instead.


 83.9849, -17.9396,
27.9584


 83.9849, -17.9396,
27.9584


215.0432,
-30.1777, 46.4825

 72.0868, -16.5931,
25.7214


 109.5333,
-20.6304, 32.2739

 60.8089, -15.2356,
23.4110


 123.1296,
-21.9762, 34.3707

 50.1895, -13.8629,
21.0082


137.2462,
-23.3259, 36.4373

 40.2723, -12.4657,
18.4859

151.8644,
-24.6810, 38.4792

 31.1110, -11.0304,
15.8058

166.9677,
-26.0429, 40.5012

 22.7741, -9.5349,
12.9135

182.5409,

 15.3531, -7.9408,

-27.4124, 42.5071

10.7472

198.5703,
-28.7905, 44.4999

■ 8.9650, -7.5151,
6.2755

0.0000, NaN, NaN

■ 83.9849, -17.9396,
27.9584

■ 83.9849, -17.9396,
27.9584

■ 83.1906, -21.7163,
33.8792

■ 84.8689, -13.7364,
20.9471

■ 82.4780, -25.0614,
38.7240

■ 85.8385, -9.1028,
12.8384

■ 81.8461, -27.9850,
42.5251

■ 86.8965, -4.0484,
3.6400

■ 81.2909, -30.5016,
45.3310

■ 88.0434, 1.4158,
-6.6313

80.8074, -32.6336,
47.2096

88.6162, 3.7205,
-8.6287

80.3888, -34.4141,
48.2544

89.0163, 5.0712,
-8.0740

80.0240, -35.9041,
48.6287

89.4240, 6.4410,
-7.5116

79.9850, -36.0619,
48.6551

89.8390, 7.8296,
-6.9417

90.2615, 9.2366,
-6.3645

Harmonies

Analogous

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



83.9868, -1.8461, 29.8909



83.9849, -17.9396, 27.9584



83.9868, -29.5573, 20.2952

Triad

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



83.9868, -17.9419, 27.9593



83.9868, -22.1488, -25.0062



83.9868, 30.3753, 2.0373

Complementary

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



83.9849, -17.9396, 27.9584



62.7299, 13.0855, -28.4487

Split Complementary

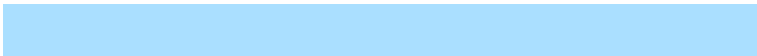
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.9868, 23.9222, -14.9385



83.9849, -17.9396, 27.9584



83.9868, -7.0934, -32.3928

Square

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



83.9868, -17.9419, 27.9593



83.9868, -31.8483, -9.7588



83.9868, 9.8747, -28.3869



83.9868, 26.9010, 16.7513

Rectangle

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



83.9849, -17.9396, 27.9584



83.9868, -33.6392, 12.0052



83.9868, 9.8747, -28.3869



83.9868, 29.2817, -3.6104

Sweetspot

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



83.9868, -17.9419, 27.9593



98.9010, -10.5866, 14.9673



69.2972, 13.0241, 14.4728



45.6776, -5.2734, 7.5930

0.0000, NaN, NaN



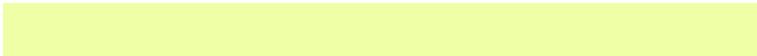
46.2646, -2.4686, 2.5136

Same Dimension

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



83.9868, -17.9419, 27.9593



96.1929, -23.4975, 36.7000



81.3421, -27.7305, 25.3950



39.8684, -4.3549, 6.1886



60.7547, -27.2225, 36.9602



16.1000, -6.7629, 9.8023

Inverse Universe

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



62.7299, 13.0855, -28.4487



66.6147, 20.0495, -42.8064



65.9363, 23.1640, -23.0223



36.5574, 0.4132, -2.4225



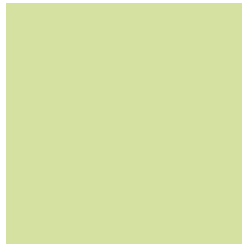
18.5679, 48.6687, -118.7797



5.2429, 13.1200, -28.7157

Previews

White Background



This preview shows how the HunterLab color 83.9849, -17.9396, 27.9584 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 83.9849, -17.9396, 27.9584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

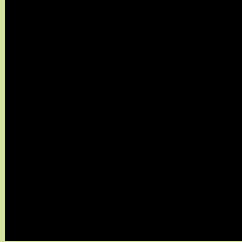
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

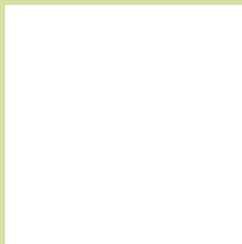
Any Text WCAG AAA ✓ Pass

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

HunterLab 83.9849, -17.9396, 27.9584 Background



This preview shows how black text looks on a background with the HunterLab color 83.9849, -17.9396, 27.9584.



This preview shows how white text looks on a background with the HunterLab color 83.9849,

-17.9396, 27.9584.

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

83.9849, -17.9396, 27.9584

Protanopia

83.8089, -7.3350, 28.9480

Deuteranopia

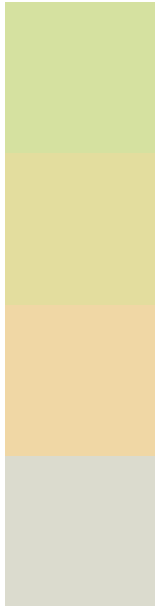
83.7737, 5.4339, 25.4973



Tritanopia

84.0731, 0.8457, -2.5457

Trichromacy



Original Color

83.9849, -17.9396, 27.9584

Protanomaly

83.9717, -11.5283, 28.7013

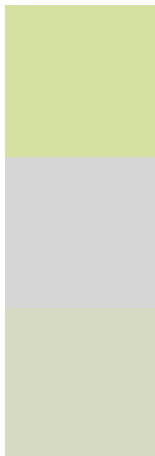
Deuteranomaly

83.5720, -3.0888, 26.1881

Tritanomaly

83.7731, -6.6432, 10.1773

Monochromacy



Original Color

83.9849, -17.9396, 27.9584

Achromatopsia

82.0026, -4.3755, 4.4554

Achromatomaly

82.6644, -9.6167, 14.1620

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.9849, -17.9396, 27.9584 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(213, 225, 160)` looks like.

```
.text, #text, p{  
    color:rgb(213, 225, 160)  
}
```

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(213, 225, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 225, 160) }
```

Border

The CSS property to change the border of an element to HunterLab 83.9849, -17.9396, 27.9584 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(213, 225, 160) }
```


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

```
.border{ border-color:rgb(213, 225, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 225, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 225, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 225, 160);  
box-shadow:4px 4px 4px 4px rgb(213, 225,  
160) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.9849, -17.9396, 27.9584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 225, 160) }
```

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

```
.background{ background-color: rgb(213,  
225, 160) }
```

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