

# Converting Colors

HunterLab(82.7310, -16.2014,  
18.3535)

Have a look what the booklet for  
HunterLab(82.7310, -16.2014,  
18.3535) contains.

<b>HunterLab(82.7893, -16.2177, 18.2546)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(82.7893,  
-16.2177, 18.2546)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CCDEB8
RGB	204, 222, 184
RGB Percent	80%, 87%, 72%
CMY	0.2000, 0.1294, 0.2784
CMYK	0.08, 0.00, 0.17, 0.13
HSL	88°, 37%, 80%
HSV	88°, 17%, 87%
XYZ	59.6749, 68.5407, 55.4320
YIQ	212.2860, 1.4700, -15.6340

# Conversions

## Conversions Part 2

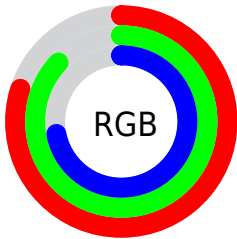
Format	Color
<a href="#">RYB</a>	<a href="#">184, 222, 202</a>
Decimal	<a href="#">13426360</a>
CIELab	<a href="#">86.28, -12.71, 16.64</a>
CIELCh	<a href="#">86, 20.938, 127.360</a>
Yxy	<a href="#">68.5437, 0.3249, 0.3732</a>
Android (android.graphics.Color)	<a href="#">4291616440 (0xFFCCDEB8)</a>
YUV	<a href="#">212.2860, -13.9450, -7.2668</a>
Hunter-Lab	<a href="#">82.7893, -16.2177, 18.2546</a>

# Details

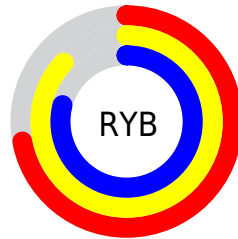
The HunterLab color  $82.7893, -16.2177, 18.2546$  is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be  $72.1897, 8.8859, -12.1229$ , and the grayscale version is  $81.3228, -4.3392, 4.4184$ .

A 20% lighter version of the original color is  $99.5346, -7.8917, 12.0885$ , and  $59.7998, -13.6289, 15.3201$  is the 20% darker color. If you saturate the color by 10%, you get  $81.3929, -22.3840, 24.9295$ , and if you desaturate by 10%, it is  $84.3124, -9.5712, 10.6319$ .

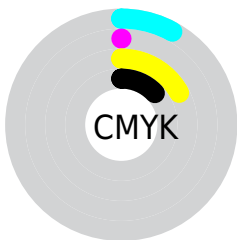
# Distribution



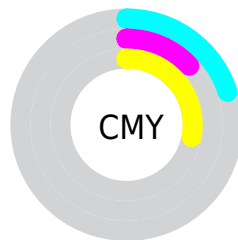
- Red (80%)
- Green (87%)
- Blue (72%)



- Red (72%)
- Yellow (87%)
- Blue (79%)



- Cyan (8%)
- Magenta (0%)
- Yellow (17%)
- Black (13%)




- Cyan (20%)
- Magenta (13%)
- Yellow (28%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 82.7893, -16.2177, 18.2546 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 82.7893, -16.2177, 18.2546 by changing the saturation by 10% instead.





 82.7893, -16.2177,  
18.2546

 82.7893, -16.2177,  
18.2546

213.4057,  
-27.7956, 31.3402

 70.9508, -14.9604,  
16.7845


 108.2264,  
-18.7417, 21.1651

 59.7359, -13.6974,  
15.2940


121.7706,  
-20.0095, 22.6122

 49.1834, -12.4253,  
13.7748


135.8369,  
-21.2841, 24.0582

 39.3378, -11.1362,  
12.2138

150.4066,  
-22.5668, 25.5057

 30.2542, -9.8180,  
10.5909

165.4630,  
-23.8587, 26.9562

 22.0028, -8.4515,  
8.8745

180.9906,

 14.6779, -7.0023,

-25.1603, 28.4114

7.0487

196.9758,  
-26.4725, 29.8724

■ 8.3365, -7.0864,  
5.8355

0.0000, NaN, NaN

■ 82.7893, -16.2177,  
18.2546

■ 82.7893, -16.2177,  
18.2546

■ 81.3929, -22.3840,  
24.9295

■ 84.3124, -9.5712,  
10.6319

■ 80.1187, -28.0372,  
30.6312

■ 85.9550, -2.4691,  
2.0903

■ 78.9687, -33.1575,  
35.3511

■ 87.7166, 5.0541,  
-7.3294

■ 77.9418, -37.7299,  
39.0949

■ 88.9220, 9.4008,  
-8.1232

■ 77.0359, -41.7477,  
41.8871

■ 89.8473, 12.4569,  
-6.8498

■ 76.2470, -45.2151,  
43.7741

■ 75.5697, -48.1498,  
44.8311

■ 74.9949, -50.5919,  
45.1806

■ 74.8434, -51.2325,  
45.2213

# Harmonies

## Analogous

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



82.7911, -6.9700, 21.2517



82.7893, -16.2177, 18.2546



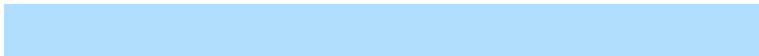
82.7911, -22.0952, 11.5053

# Triad

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



82.7911, -16.2197, 18.2557



82.7911, -11.9860, -15.0603



82.7911, 16.3761, 6.9083

# Complementary

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



82.7893, -16.2177, 18.2546



72.1897, 8.8859, -12.1229

# 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.



82.7911, 14.8706, -3.1622



82.7893, -16.2177, 18.2546



82.7911, -1.8427, -16.6854

# Square

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



82.7911, -16.2197, 18.2557



82.7911, -19.7364, -7.8984



82.7911, 8.0758, -12.0988

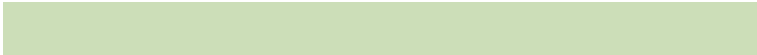


82.7911, 12.0935, 15.2468



# Rectangle

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



82.7893, -16.2177, 18.2546



82.7911, -23.4805, 5.3788



82.7911, 8.0758, -12.0988



82.7911, 16.5336, 3.6247

# Sweetspot

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



82.7911, -16.2197, 18.2557



99.0344, -9.5130, 10.4482



78.1722, -0.1691, 13.7716



45.7564, -4.6679, 5.1499

0.0000, NaN, NaN

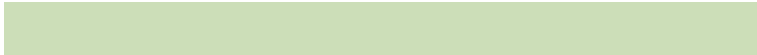


46.2646, -2.4686, 2.5136

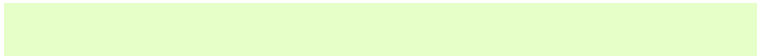


# Same Dimension

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



82.7911, -16.2197, 18.2557



96.1874, -21.9643, 24.6531



81.2736, -21.7687, 16.6170



39.6111, -5.2676, 5.8951



57.7382, -39.2465, 34.8909



15.3751, -9.6231, 9.3056



# Inverse Universe

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



72.1897, 8.8859, -12.1229



80.9352, 14.2095, -19.1854



74.0859, 15.0699, -9.3935



36.8240, 1.3202, -2.0616



22.3337, 52.2731, -94.2953

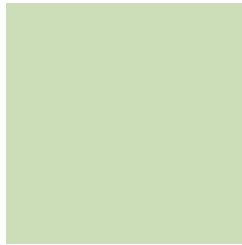


6.3146, 14.2525, -22.5742



# Previews

## White Background



This preview shows how the HunterLab color 82.7893, -16.2177, 18.2546 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

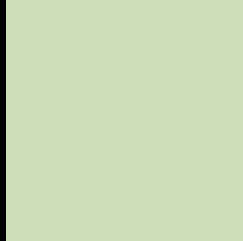
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 82.7893, -16.2177, 18.2546 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

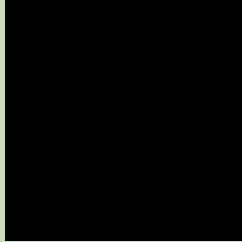
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

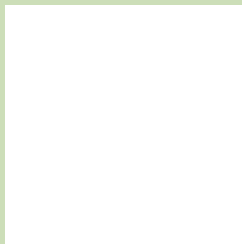
Any Text WCAG AAA ✓ Pass

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

## HunterLab 82.7893, -16.2177, 18.2546 Background



This preview shows how black text looks on a background with the HunterLab color 82.7893, -16.2177, 18.2546.



This preview shows how white text looks on a background with the HunterLab color 82.7893,

-16.2177, 18.2546.

# 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

82.7893, -16.2177, 18.2546

### Protanopia

82.6244, -5.6384, 19.4441

### Deuteranopia

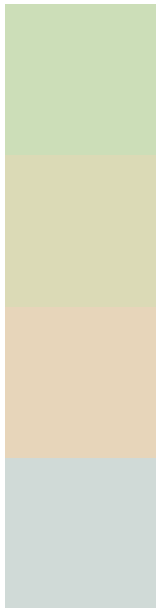
82.7489, 5.9367, 17.4078



## Tritanopia

82.6293, -2.6081, -3.9099

# Trichromacy



## Original Color

82.7893, -16.2177, 18.2546

## Protanomaly

82.8132, -9.7152, 19.1740

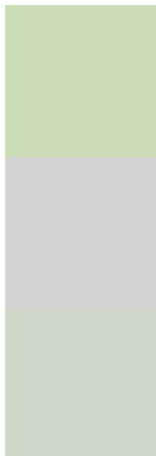
## Deuteranomaly

82.5364, -2.5405, 17.4436

## Tritanomaly

82.7400, -8.1270, 4.7726

# Monochromacy



## Original Color

82.7893, -16.2177, 18.2546

## Achromatopsia

81.1403, -4.3294, 4.4085

## Achromatomaly

81.8116, -8.9628, 9.7601

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 82.7893, -16.2177, 18.2546 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, 222, 184)` looks like.

```
.text, #text, p{  
    color:rgb(204, 222, 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, 222, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 222, 184) }
```

## Border

The CSS property to change the border of an element to HunterLab 82.7893, -16.2177, 18.2546 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, 222, 184) }
```



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

```
.border{ border-color:rgb(204, 222, 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, 222, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 222, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 222, 184);  
box-shadow:4px 4px 4px 4px rgb(204, 222,  
184) }
```

# Background

The CSS property to change the background color of an element to HunterLab 82.7893, -16.2177, 18.2546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 222, 184) }
```

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

```
.background{ background-color: rgb(204,  
222, 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](#).

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