

# Converting Colors

HunterLab(84.8832, -16.9178,  
10.0196)

Have a look what the booklet for  
HunterLab(84.8832, -16.9178,  
10.0196) contains.

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# Color

**HunterLab(84.9896,  
-16.8248, 9.9944)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7E4D1
RGB	199, 228, 209
RGB Percent	78%, 89%, 82%
CMY	0.2196, 0.1059, 0.1804
CMYK	0.13, 0.00, 0.08, 0.11
HSL	141°, 35%, 84%
HSV	141°, 13%, 89%
XYZ	62.8052, 72.2323, 70.9537
YIQ	217.1630, -11.1850, -12.0570

# Conversions

## Conversions Part 2

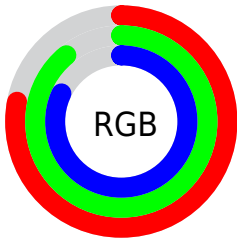
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	199, 221, 228
Decimal	13100241
CIE Lab	88.08, -13.12, 6.06
CIE LCh	88, 14.453, 155.228
Yxy	72.2354, 0.3049, 0.3507
Android (android.graphics.Color)	4291290321 (0xFFC7E4D1)
YUV	217.1630, -4.0244, -15.9290
Hunter-Lab	84.9896, -16.8248, 9.9944

# Details

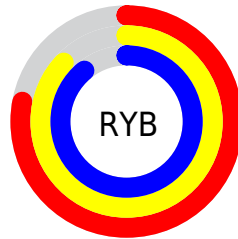
The HunterLab color  $84.9896, -16.8248, 9.9944$  is a light color, and the websafe version is hex  $CCFFFF$ . A complement of this color would be  $78.9965, 8.8008, -0.9541$ , and the grayscale version is  $83.3914, -4.4496, 4.5308$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $61.8655, -14.3859, 8.1501$  is the 20% darker color. If you saturate the color by 10%, you get  $82.8498, -25.5430, 14.0530$ , and if you desaturate by 10%, it is  $87.3879, -7.3825, 5.9010$ .

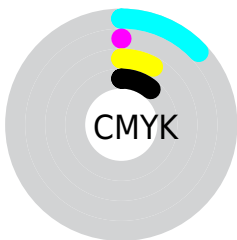
# Distribution



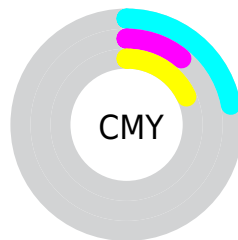
- Red (78%)
- Green (89%)
- Blue (82%)



- Red (78%)
- Yellow (87%)
- Blue (89%)



- Cyan (13%)
- Magenta (0%)
- Yellow (8%)
- Black (11%)



- Cyan (22%)
- Magenta (11%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.9896, -16.8248, 9.9944 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 84.9896, -16.8248, 9.9944 by changing the saturation by 10% instead.



■ 84.9896, -16.8248,  
9.9944

■ 84.9896, -16.8248,  
9.9944

216.4164,  
-28.5684, 19.2288

■ 73.0418, -15.5465,  
9.0622

110.6305,  
-19.3886, 11.9167

■ 61.7114, -14.2623,  
8.1460

124.2704,  
-20.6756, 12.9052

■ 51.0364, -12.9685,  
7.2456

138.4288,  
-21.9691, 13.9124

■ 41.0596, -11.6575,  
6.3589

153.0876,  
-23.2701, 14.9385

■ 31.8339, -10.3176,  
5.4824

168.2300,  
-24.5799, 15.9832

■ 23.4262, -8.9304,  
4.6097

183.8412,

■ 15.9256, -7.4639,

-25.8991, 17.0466

3.7291

199.9075,  
-27.2284, 18.1285

■ 9.4590, -6.5510,  
3.1688

0.0000, NaN, NaN

■ 84.9896, -16.8248,  
9.9944

■ 84.9896, -16.8248,  
9.9944

■ 82.8498, -25.5430,  
14.0530

■ 87.3879, -7.3825,  
5.9010

■ 80.9695, -33.4395,  
18.0306

■ 90.0308, 2.6934,  
1.8068

■ 79.3536, -40.4328,  
21.8823

■ 91.5935, 8.9576,  
-4.0015

■ 78.0019, -46.4563,  
25.5600

■ 91.6349, 9.1781,  
-4.5878

■ 76.9094, -51.4669,  
29.0164

■ 76.0663, -55.4524,  
32.2069

■ 75.4565, -58.4382,  
35.0922

■ 75.0563, -60.4954,  
37.6390

■ 74.8655, -61.5319,  
39.2544

# Harmonies

## Analogous

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



84.9914, -12.4298, 14.7585



84.9896, -16.8248, 9.9944



84.9914, -17.9769, 3.4094

# Triad

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



84.9914, -16.8265, 9.9956



84.9914, -3.2658, -9.6625



84.9914, 7.1463, 11.9236

# Complementary

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



84.9896, -16.8248, 9.9944



78.9965, 8.8008, -0.9541

# 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.



84.9914, 9.7884, 5.8255



84.9896, -16.8248, 9.9944



84.9914, 3.6496, -6.9307

# Square

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



84.9914, -16.8265, 9.9956



84.9914, -10.3002, -8.3124



84.9914, 8.4878, -1.1179



84.9914, 1.3788, 15.8045



# Rectangle

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



84.9896, -16.8248, 9.9944



84.9914, -16.7823, -1.2203



84.9914, 8.4878, -1.1179



84.9914, 8.4381, 10.0850

# Sweetspot

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



84.9914, -16.8265, 9.9956



98.8400, -9.8226, 7.3065



86.3543, -12.4857, 15.8935



45.6293, -4.9287, 3.5433

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

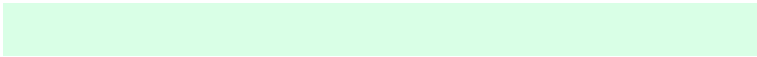


# Same Dimension

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



84.9914, -16.8265, 9.9956



95.8870, -21.5291, 12.4461



85.4218, -14.4129, 3.8447



40.2129, -6.4821, 4.0624



56.9060, -46.6461, 29.5680



15.5241, -12.3386, 7.2317



# Inverse Universe

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



78.9965, 8.8008, -0.9541



87.8387, 12.8911, -2.2503



78.5456, 6.3978, 5.4675



38.1135, 2.4887, 0.2267



32.8748, 60.2025, -9.0156



9.0330, 16.7108, -3.7869



# Previews

## White Background



This preview shows how the HunterLab color 84.9896, -16.8248, 9.9944 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

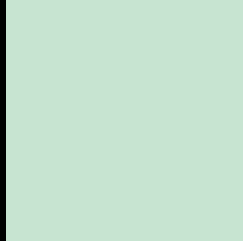
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 84.9896, -16.8248, 9.9944 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

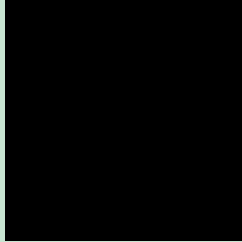
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

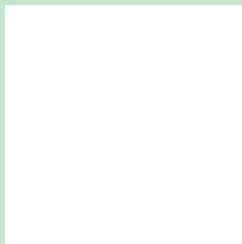
Any Text WCAG AAA ✓ Pass

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

## HunterLab 84.9896, -16.8248, 9.9944 Background



This preview shows how black text looks on a background with the HunterLab color 84.9896, -16.8248, 9.9944.



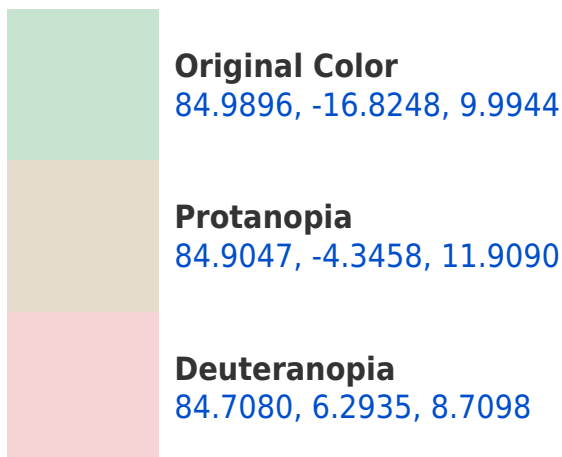
This preview shows how white text looks on a background with the HunterLab color 84.9896,

-16.8248, 9.9944.

# 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

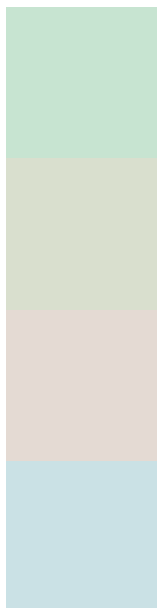




## Tritanopia

84.8314, -7.1244, -6.0152

# Trichromacy



## Original Color

84.9896, -16.8248, 9.9944

## Protanomaly

84.8430, -9.3167, 11.3109

## Deuteranomaly

84.4630, -2.3605, 8.7437

## Tritanomaly

84.8906, -10.9886, 0.3432

# Monochromacy



## Original Color

84.9896, -16.8248, 9.9944

## Achromatopsia

83.2990, -4.4446, 4.5258

## Achromatomaly

83.8270, -9.1976, 6.4961

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 84.9896, -16.8248, 9.9944 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(199, 228, 209)` looks like.

```
.text, #text, p{  
    color:rgb(199, 228, 209)  
}
```

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(199, 228, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 228, 209) }
```

## Border

The CSS property to change the border of an element to HunterLab 84.9896, -16.8248, 9.9944 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(199, 228, 209) }
```



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

```
.border{ border-color:rgb(199, 228, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 228, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 228, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 228, 209);  
box-shadow:4px 4px 4px 4px rgb(199, 228,  
209) }
```

# Background

The CSS property to change the background color of an element to HunterLab 84.9896, -16.8248, 9.9944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 228, 209) }
```

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

```
.background{ background-color: rgb(199,  
228, 209) }
```

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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