

# Converting Colors

HunterLab(85.8426, -12.7437,  
1.1184)

Have a look what the booklet for  
HunterLab(85.8426, -12.7437,  
1.1184) contains.

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# Color

**HunterLab(85.8006,  
-12.6078, 0.9174)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C9E4E6
RGB	201, 228, 230
RGB Percent	79%, 89%, 90%
CMY	0.2118, 0.1059, 0.0980
CMYK	0.13, 0.01, 0.00, 0.10
HSL	184°, 37%, 85%
HSV	184°, 13%, 90%
XYZ	66.1137, 73.6174, 85.5879
YIQ	220.1550, -16.7340, -5.1020

# Conversions

## Conversions Part 2

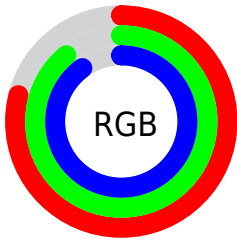
Format	Color
R <sub>Y</sub> B	201, 215, 230
Decimal	13231334
CIE Lab	88.74, -8.46, -3.99
CIE LCh	89, 9.349, 205.254
Yxy	73.6205, 0.2934, 0.3267
Android (android.graphics.Color)	4291421414 (0xFFC9E4E6)
YUV	220.1550, 4.8536, -16.7989
Hunter-Lab	85.8006, -12.6078, 0.9174

# Details

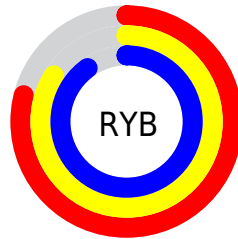
The HunterLab color **85.8006, -12.6078, 0.9174** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79.8447, 4.5393, 8.2454**, and the grayscale version is **84.6523, -4.5168, 4.5993**.

A 20% lighter version of the original color is **100.0000, -5.3358, 5.4332**, and **62.5982, -10.5590, -0.0262** is the 20% darker color. If you saturate the color by 10%, you get **83.5467, -18.1117, -1.9642**, and if you desaturate by 10%, it is **88.2756, -6.4526, 3.9998**.

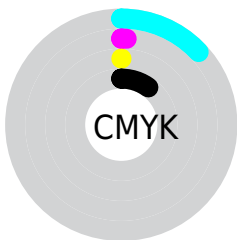
# Distribution



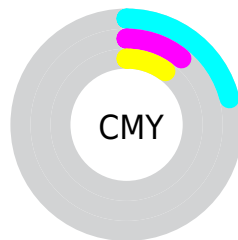
- Red (79%)
- Green (89%)
- Blue (90%)



- Red (79%)
- Yellow (84%)
- Blue (90%)



- Cyan (13%)
- Magenta (1%)
- Yellow (0%)
- Black (10%)



- Cyan (21%)
- Magenta (11%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.8006, -12.6078, 0.9174 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 85.8006, -12.6078, 0.9174 by changing the saturation by 10% instead.



85.8006, -12.6078,  
0.9174

85.8006, -12.6078,  
0.9174

217.5230,  
-22.6583, 6.7764

73.8129, -11.5611,  
0.4415

111.5158,  
-14.7421, 1.9902

62.4406, -10.5227,  
0.0068

125.1905,  
-15.8286, 2.5800

51.7210, -9.4917,  
-0.3819

139.3826,  
-16.9293, 3.2034

41.6966, -8.4644,  
-0.7201

154.0738,  
-18.0448, 3.8588

32.4193, -7.4350,  
-1.0023

169.2477,  
-19.1753, 4.5450

23.9551, -6.3940,  
-1.2209

184.8894,

16.3912, -5.3249,

-20.3210, 5.2607

-1.3653

200.9853,  
-21.4819, 6.0048

■ 9.8511, -4.3104,  
-1.4195

0.0000, NaN, -NF

■ 85.8006, -12.6078,  
0.9174

■ 85.8006, -12.6078,  
0.9174

■ 83.5467, -18.1117,  
-1.9642

■ 88.2756, -6.4526,  
3.9998

■ 81.5136, -22.9042,  
-4.6261

■ 90.9594, 0.2984,  
7.2554

■ 79.7057, -26.9403,  
-7.0458

■ 92.2566, 2.2230,  
8.7746

■ 78.1230, -30.1867,  
-9.2061

■ 92.7428, 1.3797,  
9.3117

■ 76.7617, -32.6281,  
-11.0953

■ 93.2308, 0.5378,  
9.8481

■ 75.6136, -34.2722,  
-12.7096

■ 93.7206, -0.3027,  
10.3840

■ 74.6649, -35.1552,  
-14.0554

■ 94.2121, -1.1419,  
10.9193

■ 73.8948, -35.3484,  
-15.1529

■ 94.7053, -1.9797,  
11.4539

■ 73.4098, -35.1647,  
-15.8454

■ 95.2003, -2.8161,  
11.9880

# Harmonies

## Analogous

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



85.8024, -13.4102, 5.3792



85.8006, -12.6078, 0.9174



85.8024, -9.6762, -2.7030

# Triad

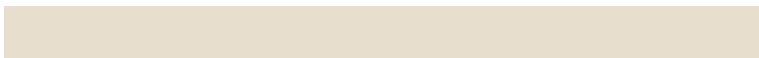
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.8024, -12.6094, 0.9187



85.8024, 2.9749, -0.3785



85.8024, -3.8333, 12.8087

# Complementary

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



85.8006, -12.6078, 0.9174



79.8447, 4.5393, 8.2454

# 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.



85.8024, 0.6323, 11.4425



85.8006, -12.6078, 0.9174



85.8024, 4.6165, 3.9556

# Square

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



85.8024, -12.6094, 0.9187



85.8024, -0.6906, -3.4798



85.8024, 3.7501, 8.2600



85.8024, -8.4069, 12.0921



# Rectangle

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



85.8006, -12.6078, 0.9174



85.8024, -6.8725, -4.0721



85.8024, 3.7501, 8.2600



85.8024, -2.2688, 12.5800

# Sweetspot

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



85.8024, -12.6094, 0.9187



98.8278, -8.2747, 3.9941



85.6277, -18.1910, 13.3514



45.6222, -4.0784, 1.7243

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

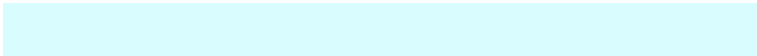


# Same Dimension

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



85.8024, -12.6094, 0.9187



95.8043, -15.7779, 0.2084



81.2441, -5.2801, -4.6642



40.1964, -4.9853, 0.8685



55.3021, -26.5415, -11.8273



15.2030, -7.4240, -2.9762



# Inverse Universe

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



80.1244, 10.2135, -4.7647



88.2091, 14.8421, -7.4931



84.1966, -2.9661, 12.9166



38.2063, 2.9856, -1.0913



35.0501, 67.9011, -38.4102

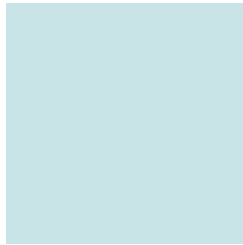


9.5551, 18.5528, -10.7971



# Previews

## White Background



This preview shows how the HunterLab color 85.8006, -12.6078, 0.9174 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

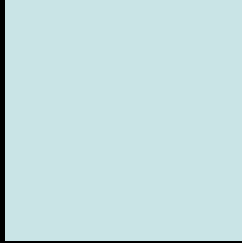
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 85.8006, -12.6078, 0.9174 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

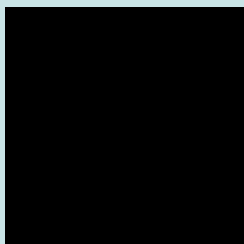
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

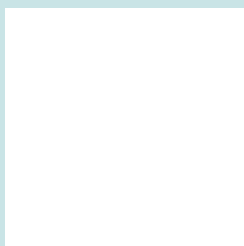
Any Text WCAG AAA ✓ Pass

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

## HunterLab 85.8006, -12.6078, 0.9174 Background



This preview shows how black text looks on a background with the HunterLab color 85.8006, -12.6078, 0.9174.



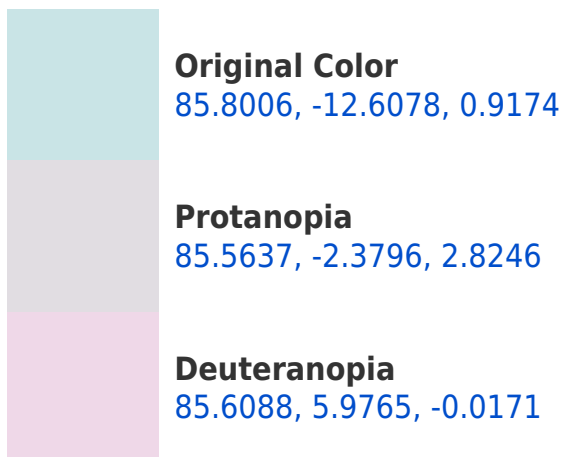
This preview shows how white text looks on a background with the HunterLab color 85.8006,

-12.6078, 0.9174.

# 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

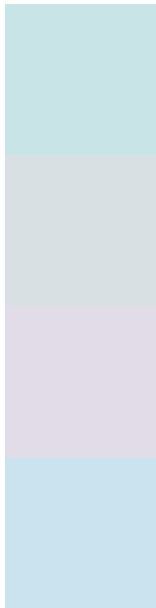




## Tritanopia

85.8026, -8.3698, -6.4170

# Trichromacy



## Original Color

85.8006, -12.6078, 0.9174

## Protanomaly

85.7066, -6.6152, 2.4226

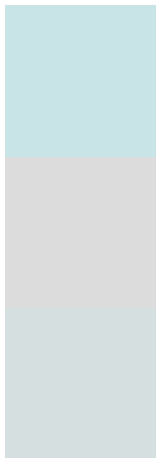
## Deuteranomaly

85.4187, -0.9706, 0.1419

## Tritanomaly

85.8643, -10.1343, -3.6561

# Monochromacy



## Original Color

85.8006, -12.6078, 0.9174

## Achromatopsia

84.5987, -4.5140, 4.5964

## Achromatomaly

85.0313, -7.5631, 3.0912

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 85.8006, -12.6078, 0.9174 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(201, 228, 230)` looks like.

```
.text, #text, p{  
    color:rgb(201, 228, 230)  
}
```

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(201, 228, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 228, 230) }
```

## Border

The CSS property to change the border of an element to HunterLab 85.8006, -12.6078, 0.9174 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(201, 228, 230) }
```



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

```
.border{ border-color:rgb(201, 228, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 228, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 228, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 228, 230);  
box-shadow:4px 4px 4px 4px rgb(201, 228,  
230) }
```

# Background

The CSS property to change the background color of an element to HunterLab 85.8006, -12.6078, 0.9174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 228, 230) }
```

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

```
.background{ background-color: rgb(201,  
228, 230) }
```

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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