

# Converting Colors

HunterLab(85.7087, -12.4835,  
1.4382)

Have a look what the booklet for  
HunterLab(85.7087, -12.4835,  
1.4382) contains.

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# Color

**HunterLab(85.8490,  
-12.5004, 1.4853)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CAE4E5
RGB	202, 228, 229
RGB Percent	79%, 89%, 90%
CMY	0.2078, 0.1059, 0.1020
CMYK	0.12, 0.00, 0.00, 0.10
HSL	182°, 34%, 85%
HSV	182°, 12%, 90%
XYZ	66.2434, 73.7005, 84.8629
YIQ	220.3400, -15.8170, -5.2010

# Conversions

## Conversions Part 2

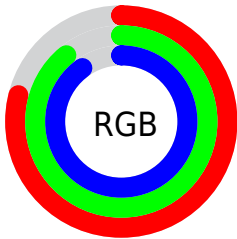
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	202, 215, 229
Decimal	13296869
CIE <sub>Lab</sub>	88.78, -8.34, -3.40
CIE <sub>LCh</sub>	89, 9.002, 202.178
Yxy	73.7036, 0.2947, 0.3278
Android (android.graphics.Color)	4291486949 (0xFFCAE4E5)
YUV	220.3400, 4.2694, -16.0842
Hunter-Lab	85.8490, -12.5004, 1.4853

# Details

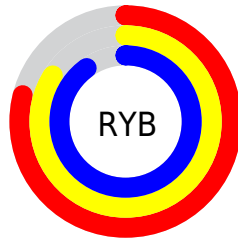
The HunterLab color  $85.8490, -12.5004, 1.4853$  is a light color, and the websafe version is hex  $CCFFFF$ . A complement of this color would be  $79.7708, 4.3500, 7.6987$ , and the grayscale version is  $84.7348, -4.5212, 4.6038$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $62.6411, -10.4674, 0.5137$  is the 20% darker color. If you saturate the color by 10%, you get  $83.8323, -18.3771, -1.0926$ , and if you desaturate by 10%, it is  $88.0936, -5.9600, 4.2866$ .

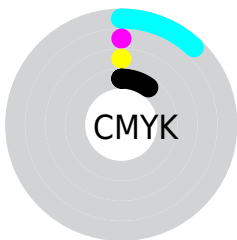
# Distribution



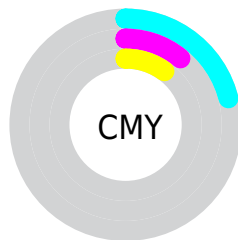
- Red (79%)
- Green (89%)
- Blue (90%)



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



- Cyan (12%)
- Magenta (0%)
- Yellow (0%)
- Black (10%)



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

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.8490, -12.5004, 1.4853 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 85.8490, -12.5004, 1.4853 by changing the saturation by 10% instead.



■ 85.8490, -12.5004,  
1.4853

■ 85.8490, -12.5004,  
1.4853

217.5890,  
-22.5082, 7.5369

■ 73.8590, -11.4595,  
0.9838

111.5686,  
-14.6239, 2.6061

■ 62.4842, -10.4273,  
0.5223

125.2454,  
-15.7053, 3.2185

■ 51.7619, -9.4029,  
0.1054

139.4395,  
-16.8012, 3.8638

■ 41.7346, -8.3828,  
-0.2628

154.1326,  
-17.9120, 4.5404

■ 32.4543, -7.3612,  
-0.5770

169.3084,  
-19.0380, 5.2471

■ 23.9867, -6.3289,  
-0.8301

184.9519,

■ 16.4191, -5.2698,

-20.1793, 5.9828

-1.0120

201.0496,  
-21.3360, 6.7463

■ 9.8747, -4.2547,  
-1.1075

0.0000, NaN, -NF

■ 85.8490, -12.5004,  
1.4853

■ 85.8490, -12.5004,  
1.4853

■ 83.8323, -18.3771,  
-1.0926

■ 88.0936, -5.9600,  
4.2866

■ 82.0421, -23.5303,  
-3.4300

■ 90.5549, 1.1878,  
7.2844

■ 80.4815, -27.9164,  
-5.5072

■ 91.5491, 3.2399,  
8.4601

■ 79.1487, -31.5053,  
-7.3109

■ 91.8071, 2.7889,  
8.7461

■ 78.0384, -34.2853,  
-8.8338

■ 92.0657, 2.3383,  
9.0319

■ 77.1408, -36.2683,  
-10.0769

■ 92.3247, 1.8880,  
9.3176

■ 76.4411, -37.4936,  
-11.0511

■ 92.5843, 1.4382,  
9.6032

■ 75.9176, -38.0344,  
-11.7797

■ 92.8444, 0.9888,  
9.8886

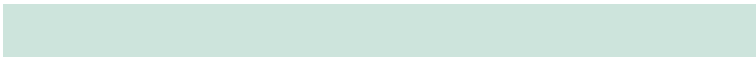
■ 75.5857, -38.0950,  
-12.2393

■ 93.1050, 0.5397,  
10.1738

# Harmonies

## Analogous

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



85.8508, -13.0440, 5.7930



85.8490, -12.5004, 1.4853



85.8508, -9.8608, -2.1319

# Triad

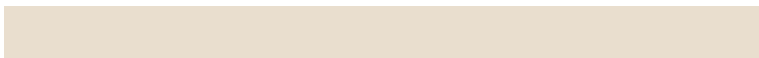
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.8508, -12.5020, 1.4866



85.8508, 2.4028, -0.5639



85.8508, -3.3969, 12.4820

# Complementary

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



85.8490, -12.5004, 1.4853



79.7708, 4.3500, 7.6987

# 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.



85.8508, 0.8205, 10.9630



85.8490, -12.5004, 1.4853



85.8508, 4.2139, 3.5379

# Square

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



85.8508, -12.5020, 1.4866



85.8508, -1.2731, -3.3579



85.8508, 3.6289, 7.7419



85.8508, -7.8482, 11.9961



# Rectangle

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



85.8490, -12.5004, 1.4853



85.8508, -7.2346, -3.5939



85.8508, 3.6289, 7.7419



85.8508, -1.9036, 12.1918

# Sweetspot

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



85.8508, -12.5020, 1.4866



98.9326, -8.4456, 4.1158



85.3835, -17.4118, 13.1173



45.6799, -4.1721, 1.7914

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

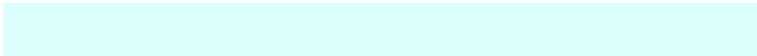


# Same Dimension

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



85.8508, -12.5020, 1.4866



96.4410, -15.7143, 0.9885



81.6164, -5.7003, -3.6596



40.2993, -5.1488, 0.9899



57.1889, -28.8484, -9.2058



15.6380, -7.9531, -2.3777



# Inverse Universe

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



80.3131, 9.3384, -4.5362



89.0029, 13.6909, -7.2025



83.8096, -2.6192, 12.0668



38.2172, 3.0441, -1.2464



35.3545, 68.9605, -42.3859

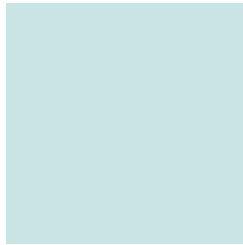


9.6258, 18.7984, -11.7176



# Previews

## White Background



This preview shows how the HunterLab color 85.8490, -12.5004, 1.4853 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

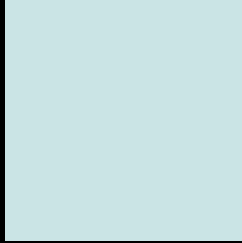
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 85.8490, -12.5004, 1.4853 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

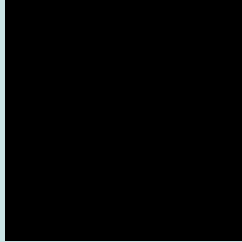
Any Text WCAG AA ✓ Pass

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 85.8490, -12.5004, 1.4853 Background



This preview shows how black text looks on a background with the HunterLab color 85.8490, -12.5004, 1.4853.



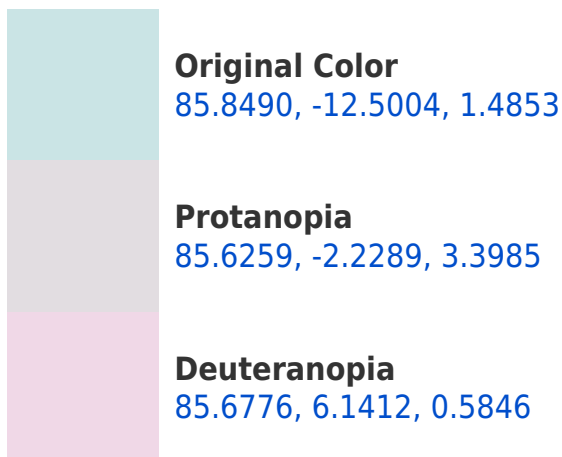
This preview shows how white text looks on a background with the HunterLab color 85.8490,

-12.5004, 1.4853.

# 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

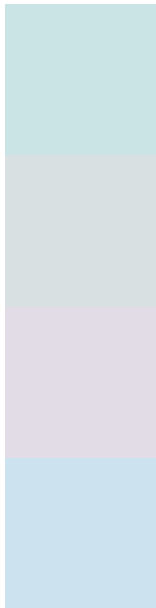




## Tritanopia

85.9671, -7.7907, -6.1923

# Trichromacy



## Original Color

85.8490, -12.5004, 1.4853

## Protanomaly

85.7636, -6.4799, 2.9923

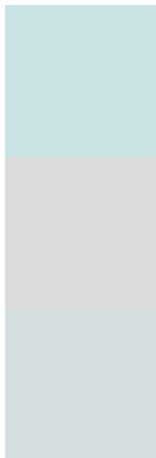
## Deuteranomaly

85.4800, -0.8258, 0.7321

## Tritanomaly

86.0276, -9.5560, -3.4382

# Monochromacy



## Original Color

85.8490, -12.5004, 1.4853

## Achromatopsia

84.5987, -4.5140, 4.5964

## Achromatomaly

84.9995, -7.7386, 3.5446

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 85.8490, -12.5004, 1.4853 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(202, 228, 229)` looks like.

```
.text, #text, p{  
    color:rgb(202, 228, 229)  
}
```

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(202, 228, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 228, 229) }
```

## Border

The CSS property to change the border of an element to HunterLab 85.8490, -12.5004, 1.4853 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(202, 228, 229) }
```



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

```
.border{ border-color:rgb(202, 228, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 228, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 228, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 228, 229);  
box-shadow:4px 4px 4px 4px rgb(202, 228,  
229) }
```

# Background

The CSS property to change the background color of an element to HunterLab 85.8490, -12.5004, 1.4853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 228, 229) }
```

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

```
.background{ background-color: rgb(202,  
228, 229) }
```

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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