

# Converting Colors

HunterLab(87.4440, -8.3246,  
2.6346)

Have a look what the booklet for  
HunterLab(87.4440, -8.3246, 2.6346)  
contains.

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# Color

**HunterLab(87.4985, -8.1607,  
2.5450)**

# Conversions

Conversions Part 1	
Format	Color
Hex	D9E5E7
RGB	217, 229, 231
RGB Percent	85%, 90%, 91%
CMY	0.1490, 0.1019, 0.0941
CMYK	0.06, 0.01, 0.00, 0.09
HSL	189°, 23%, 88%
HSV	189°, 6%, 91%
XYZ	71.0584, 76.5599, 86.6336
YIQ	225.6400, -7.7940, -1.9220

# Conversions

## Conversions Part 2

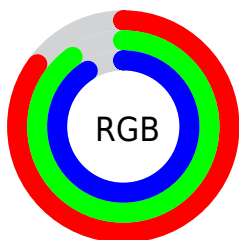
Format	Color
<a href="#">RYB</a>	<a href="#">217, 223, 231</a>
Decimal	<a href="#">14280167</a>
CIELab	<a href="#">90.12, -3.61, -2.36</a>
CIELCh	<a href="#">90, 4.316, 213.187</a>
Yxy	<a href="#">76.5631, 0.3033, 0.3268</a>
Android (android.graphics.Color)	<a href="#">4292470247</a> (0xFFD9E5E7)
YUV	<a href="#">225.6400, 2.6425, -7.5773</a>
Hunter-Lab	<a href="#">87.4985, -8.1607, 2.5450</a>

# Details

The HunterLab color 87.4985, -8.1607, 2.5450 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 85.2415, -0.8905, 6.8489, and the grayscale version is 87.0441, -4.6445, 4.7293.

A 20% lighter version of the original color is 100.0000, -5.3358, 5.4332, and 64.0692, -6.8803, 1.8266 is the 20% darker color. If you saturate the color by 10%, you get 84.5350, -13.2936, -1.1677, and if you desaturate by 10%, it is 90.6612, -2.4574, 6.3801.

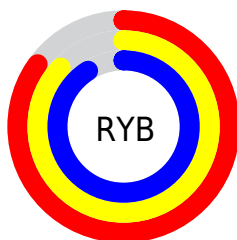
# Distribution



Red (85%)

Green (90%)

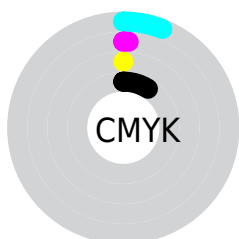
Blue (91%)



Red (85%)

Yellow (87%)

Blue (91%)

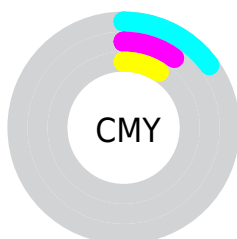


Cyan (6%)

Magenta (1%)

Yellow (0%)

Black (9%)



Cyan (15%)

Magenta (10%)


Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.4985, -8.1607, 2.5450 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 87.4985, -8.1607, 2.5450 by changing the saturation by 10% instead.




 87.4985, -8.1607,  
2.5450

 87.4985, -8.1607,  
2.5450


219.8348,  
-16.5020, 8.9707

 75.4284, -7.3466,  
1.9935


113.3678, -9.8635,  
3.7595

 63.9691, -6.5540,  
1.4793


127.1150,  
-10.7478, 4.4160

 53.1572, -5.7850,  
1.0067


141.3768,  
-11.6541, 5.1038

 43.0342, -5.0394,  
0.5793

156.1354,  
-12.5820, 5.8215

 33.6505, -4.3167,  
0.2013

171.3746,  
-13.5312, 6.5681

 25.0697, -3.6155,  
-0.1212


187.0797,


 17.3755, -2.9325,


-14.5011, 7.3424

-0.3798


203.2372,  
-15.4915, 8.1436


 10.6850, -2.2601,  
-0.5619


 1.1533, -2.0183,  
-8.4282


 87.4985, -8.1607,  
2.5450


 87.4985, -8.1607,  
2.5450


 84.5350, -13.2936,  
-1.1677


 90.6612, -2.4574,  
6.3801


 81.7739, -17.7921,  
-4.7382

 93.1593, 0.8768,  
9.3035

 79.2243, -21.6022,  
-8.1400

 94.1789, -0.8718,  
10.4221

 76.8919, -24.6746,  
-11.3472

 95.2061, -2.6145,  
11.5380

■ 74.7798, -26.9711,  
-14.3355

■ 96.2406, -4.3511,  
12.6512

■ 72.8872, -28.4703,  
-17.0844

■ 97.2824, -6.0816,  
13.7616

■ 71.2090, -29.1741,  
-19.5801

■ 98.3313, -7.8060,  
14.8693

■ 69.7337, -29.1156,  
-21.8200

■ 99.2722, -9.3379,  
15.8542

■ 68.4400, -28.3711,  
-23.8192

# Harmonies

## Analogous

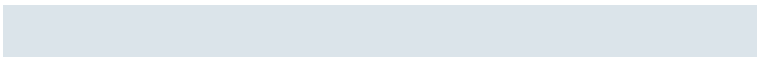
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.5004, -8.8298, 4.5403



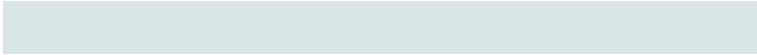
87.4985, -8.1607, 2.5450



87.5004, -6.5609, 1.1196

# Triad

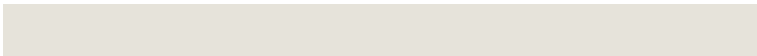
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.5004, -8.1625, 2.5464



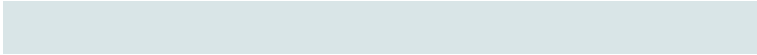
87.5004, -0.8914, 2.9405



87.5004, -4.9070, 8.6609

# Complementary

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



87.4985, -8.1607, 2.5450



85.2415, -0.8905, 6.8489

# 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.



87.5004, -2.7699, 8.2559



87.4985, -8.1607, 2.5450



87.5004, -0.4381, 4.9849

# Square

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



87.5004, -8.1625, 2.5464



87.5004, -2.3614, 1.3510



87.5004, -1.1289, 6.9229



87.5004, -6.9618, 8.0427

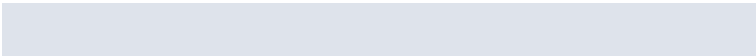


# Rectangle

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



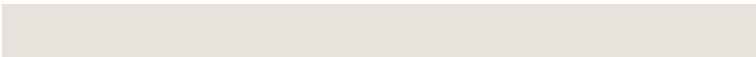
87.4985, -8.1607, 2.5450



87.5004, -5.1714, 0.7000



87.5004, -1.1289, 6.9229



87.5004, -4.1745, 8.6398

# Sweetspot

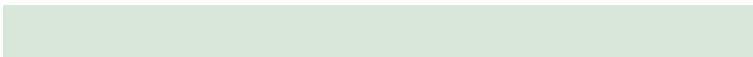
The Sweet Spot groups the original color and five complimentary colors.



87.5004, -8.1625, 2.5464



99.2887, -6.6203, 4.5705



87.7566, -11.2709, 8.6607



45.9517, -3.0337, 2.1342

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

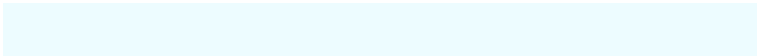


# Same Dimension

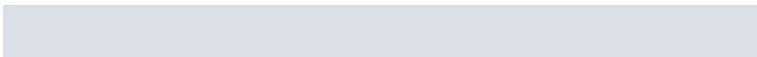
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.5004, -8.1625, 2.5464



97.5485, -9.7215, 2.4361



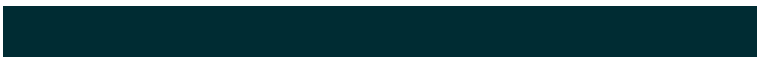
85.3440, -4.6239, -0.0147



40.2229, -4.1455, 0.9153



51.0215, -21.1192, -18.1822



14.2131, -6.1843, -4.4152



# Inverse Universe

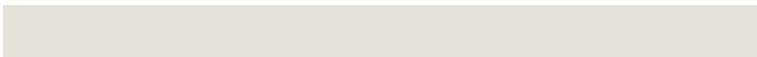
The Inverse Universe completely reimagines the original color for something new.



85.0137, 2.2177, 0.7226



94.3252, 3.7519, 0.0623



87.3614, -4.4604, 9.2007



38.7940, 1.8316, -0.1393



34.3885, 65.5835, -29.6560

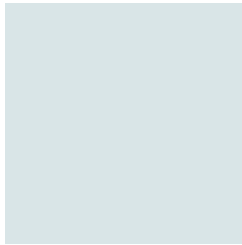


9.4001, 18.0107, -8.7532



# Previews

## White Background



This preview shows how the HunterLab color 87.4985, -8.1607, 2.5450 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

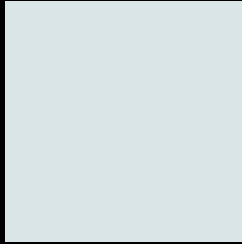
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 87.4985, -8.1607, 2.5450 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

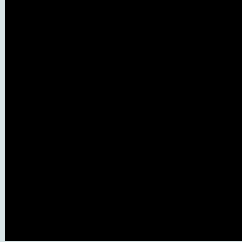
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

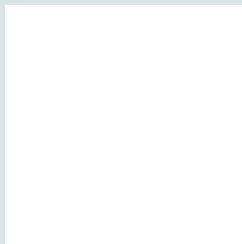
Any Text WCAG AAA ✓ Pass

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

## HunterLab 87.4985, -8.1607, 2.5450 Background



This preview shows how black text looks on a background with the HunterLab color 87.4985, -8.1607, 2.5450.



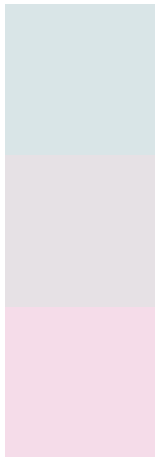
This preview shows how white text looks on a background with the HunterLab color 87.4985, -8.1607,



# 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

87.4985, -8.1607, 2.5450

### Protanopia

87.3674, -2.3142, 3.4890

### Deuteranopia

87.4540, 6.0721, 1.7309



## Tritanopia

87.5162, -3.9265, -4.6662

# Trichromacy

	<b>Original Color</b> 87.4985, -8.1607, 2.5450
	<b>Protanomaly</b> 87.2430, -4.2770, 2.8073
	<b>Deuteranomaly</b> 87.3291, 0.9111, 1.9958
	<b>Tritanomaly</b> 87.5691, -5.6971, -1.9560

# Monochromacy

	<b>Original Color</b> 87.4985, -8.1607, 2.5450
	<b>Achromatopsia</b> 87.2081, -4.6532, 4.7382
	<b>Achromatomaly</b> 87.3084, -5.7835, 3.8536

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.4985, -8.1607, 2.5450 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(217, 229, 231)` looks like.

```
.text, #text, p{  
    color:rgb(217, 229, 231)  
}
```

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(217, 229, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 229, 231) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.4985, -8.1607, 2.5450 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(217, 229, 231) }
```



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

```
.border{ border-color:rgb(217, 229, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 229, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 229, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 229, 231);  
box-shadow:4px 4px 4px 4px rgb(217, 229,  
231) }
```

# Background

The CSS property to change the background color of an element to HunterLab 87.4985, -8.1607, 2.5450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 229, 231) }
```

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

```
.background{ background-color: rgb(217,  
229, 231) }
```

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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