

# Converting Colors

HunterLab(87.9795, -4.0232,  
2.8420)

Have a look what the booklet for  
HunterLab(87.9795, -4.0232, 2.8420)  
contains.

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# Color

**HunterLab(88.1158, -4.3230,  
2.8517)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3E4E8
RGB	227, 228, 232
RGB Percent	89%, 89%, 91%
CMY	0.1098, 0.1059, 0.0902
CMYK	0.02, 0.02, 0.00, 0.09
HSL	228°, 10%, 90%
HSV	228°, 2%, 91%
XYZ	73.9875, 77.6439, 87.4312
YIQ	228.1570, -1.8800, 1.0320

# Conversions

## Conversions Part 2

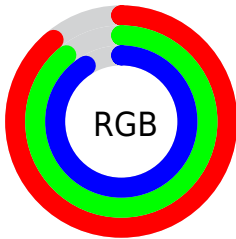
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	227, 228, 232
Decimal	14935272
CIE Lab	90.62, 0.39, -2.07
CIE LCh	91, 2.106, 280.684
Yxy	77.6473, 0.3095, 0.3248
Android (android.graphics.Color)	4293125352 (0xFFE3E4E8)
YUV	228.1570, 1.8946, -1.0147
Hunter-Lab	88.1158, -4.3230, 2.8517

# Details

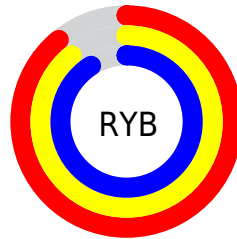
The HunterLab color  $88.1158, -4.3230, 2.8517$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $89.3604, -5.1280, 6.7549$ , and the grayscale version is  $88.1436, -4.7031, 4.7890$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $64.6470, -3.2571, 2.1075$  is the 20% darker color. If you saturate the color by 10%, you get  $80.2896, -1.9402, -6.9371$ , and if you desaturate by 10%, it is  $96.1420, -6.3783, 12.0492$ .

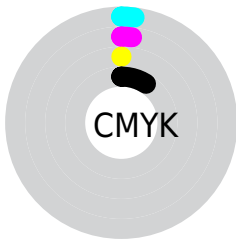
# Distribution



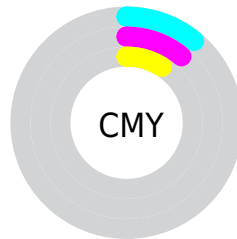
- Red (89%)
- Green (89%)
- Blue (91%)



- Red (89%)
- Yellow (89%)
- Blue (91%)



- Cyan (2%)
- Magenta (2%)
- Yellow (0%)
- Black (9%)



- Cyan (11%)
- Magenta (11%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 88.1158, -4.3230, 2.8517 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 88.1158, -4.3230, 2.8517 by changing the saturation by 10% instead.



■ 88.1158, -4.3230,  
2.8517

■ 88.1158, -4.3230,  
2.8517

220.6735,  
-11.2686, 9.3863

■ 76.0160, -3.6969,  
2.2856

114.0407, -5.6754,  
4.0935

■ 64.5254, -3.1025,  
1.7561

127.8139, -6.3950,  
4.7628

■ 53.6803, -2.5437,  
1.2673

142.1010, -7.1426,  
5.4630

■ 43.5218, -2.0229,  
0.8225

156.8839, -7.9171,  
6.1927

■ 34.0999, -1.5431,  
0.4259

172.1467, -8.7178,  
6.9508

■ 25.4773, -1.1083,  
0.0831

187.8746, -9.5438,

■ 17.7365, -0.7234,

7.7364

-0.1981

204.0543,  
-10.3943, 8.5485

■ 10.9924, -0.3960,  
-0.4058

■ 2.6171, 0.5104,  
-3.1360

■ 88.1158, -4.3230,  
2.8517

■ 88.1158, -4.3230,  
2.8517

■ 80.2896, -1.9402,  
-6.9371

■ 96.1420, -6.3783,  
12.0492

■ 72.6836, 0.8567,  
-17.4746

■ 99.3007, -9.1804,  
15.4441

■ 65.3331, 4.1699,  
-28.9525

■ 58.2823, 8.1333,  
-41.6094

■ 51.5906, 12.9138,  
-55.7230

■ 45.3388, 18.7040,  
-71.5724

■ 39.6372, 25.6853,  
-89.3244

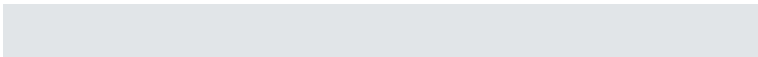
■ 34.6333, 33.9190,  
-108.7635

■ 30.5084, 43.1161,  
-128.8152

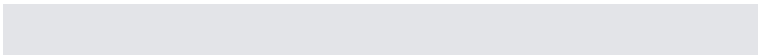
# Harmonies

## Analogous

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



88.1177, -5.3854, 2.9310



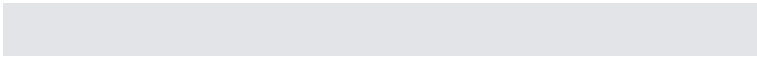
88.1158, -4.3230, 2.8517



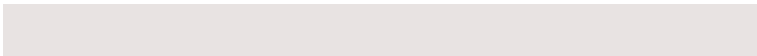
88.1177, -3.3624, 3.3007

# Triad

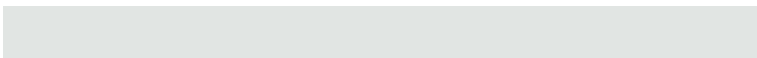
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.1177, -4.3250, 2.8531



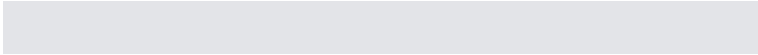
88.1177, -3.1422, 6.0618



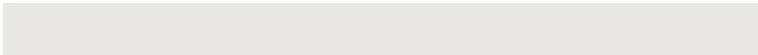
88.1177, -6.6381, 5.4409

# Complementary

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



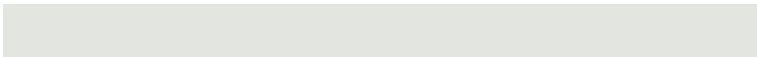
88.1158, -4.3230, 2.8517



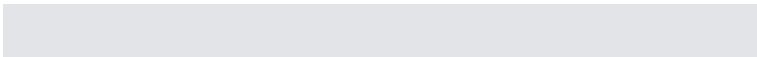
89.3604, -5.1280, 6.7549

# 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.



88.1177, -6.0426, 6.2665



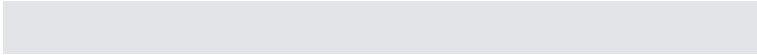
88.1158, -4.3230, 2.8517



88.1177, -4.0255, 6.6221

# Square

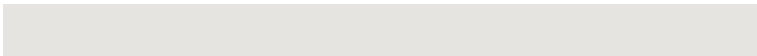
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



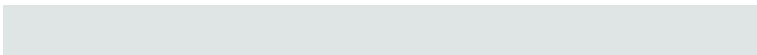
88.1177, -4.3250, 2.8531



88.1177, -2.6773, 5.1583



88.1177, -5.0873, 6.6966

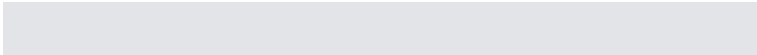


88.1177, -6.7174, 4.4332

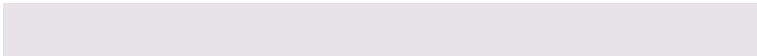


# Rectangle

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



88.1158, -4.3230, 2.8517



88.1177, -2.9068, 3.8336



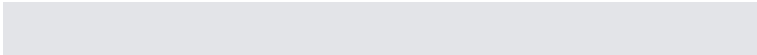
88.1177, -5.0873, 6.6966



88.1177, -6.4917, 5.7486

# Sweetspot

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



88.1177, -4.3250, 2.8531



99.1091, -5.0948, 4.3842



89.3366, -6.5874, 4.7993



45.8728, -2.3626, 2.0524

0.0000, NaN, NaN

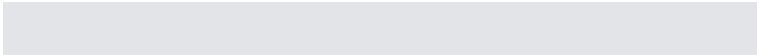


46.2646, -2.4686, 2.5136



# Same Dimension

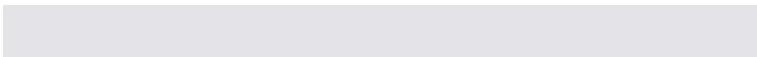
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.1177, -4.3250, 2.8531



97.3338, -4.6018, 2.2666



87.9362, -3.3464, 2.6525



39.9299, -1.8219, 0.6008



21.1811, 36.3532, -104.9507

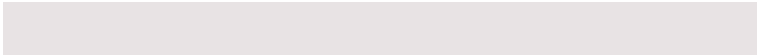


6.7918, 6.7394, -23.0377



# Inverse Universe

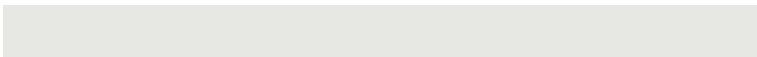
The Inverse Universe completely reimagines the original color for something new.



88.1458, -2.8762, 4.8914



97.3798, -2.3460, 5.4537



89.5434, -6.1088, 6.9490



39.9548, -0.6543, 2.2568



31.0654, 53.6073, 16.9202

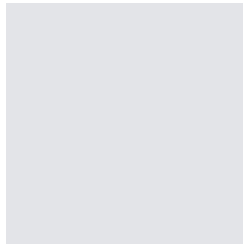


8.5220, 14.8575, 3.4657



# Previews

## White Background



This preview shows how the HunterLab color 88.1158, -4.3230, 2.8517 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

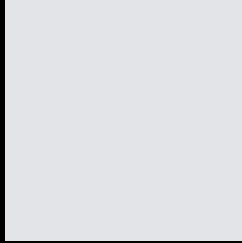
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 88.1158, -4.3230, 2.8517 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

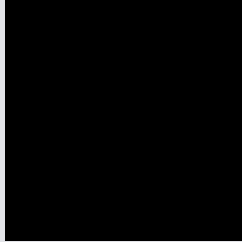
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

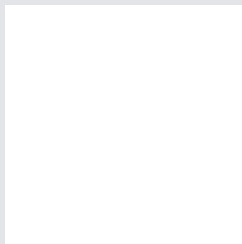
Any Text WCAG AAA ✓ Pass

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

# HunterLab 88.1158, -4.3230, 2.8517 Background



This preview shows how black text looks on a background with the HunterLab color 88.1158, -4.3230, 2.8517.



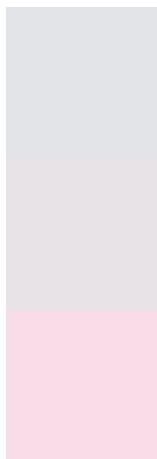
This preview shows how white text looks on a background with the HunterLab color 88.1158, -4.3230,

2.8517.

# 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

88.1158, -4.3230, 2.8517

### Protanopia

88.1457, -2.6837, 3.4158

### Deuteranopia

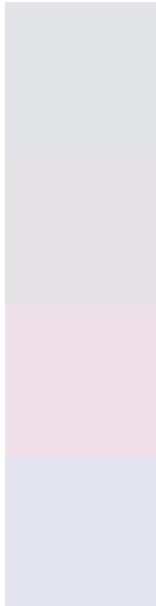
88.0639, 6.5752, 2.4775



## Tritanopia

88.0809, -0.4510, -3.3448

# Trichromacy



## Original Color

88.1158, -4.3230, 2.8517

## Protanomaly

88.0515, -3.0093, 3.2977

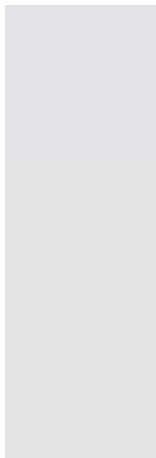
## Deuteranomaly

88.1588, 2.2332, 2.5158

## Tritanomaly

88.1609, -2.0394, -1.1527

# Monochromacy



## Original Color

88.1158, -4.3230, 2.8517

## Achromatopsia

88.0808, -4.6998, 4.7856

## Achromatomaly

88.1124, -4.5266, 4.3347

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 88.1158, -4.3230, 2.8517 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(227, 228, 232)` looks like.

```
.text, #text, p{  
    color:rgb(227, 228, 232)  
}
```

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(227, 228, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 228, 232) }
```

## Border

The CSS property to change the border of an element to HunterLab 88.1158, -4.3230, 2.8517 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(227, 228, 232) }
```



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

```
.border{ border-color:rgb(227, 228, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 228, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 228, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 228, 232);  
box-shadow:4px 4px 4px 4px rgb(227, 228,  
232) }
```

# Background

The CSS property to change the background color of an element to HunterLab 88.1158, -4.3230, 2.8517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 228, 232) }
```

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

```
.background{ background-color: rgb(227,  
228, 232) }
```

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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