

# Converting Colors

HunterLab(87.5213, -0.5681,  
7.2693)

Have a look what the booklet for  
HunterLab(87.5213, -0.5681, 7.2693)  
contains.

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# Color

**HunterLab(87.5156, -0.6577,  
7.0964)**

# Conversions

Conversions Part 1	
Format	Color
Hex	EDE0DE
RGB	237, 224, 222
RGB Percent	93%, 88%, 87%
CMY	0.0706, 0.1215, 0.1294
CMYK	0.00, 0.05, 0.06, 0.07
HSL	8°, 29%, 90%
HSV	8°, 6%, 93%
XYZ	74.7656, 76.5898, 79.9501
YIQ	227.6590, 8.3900, 2.1340

# Conversions

## Conversions Part 2

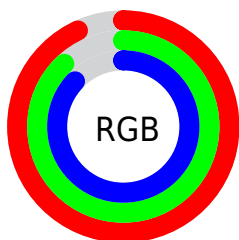
Format	Color
<a href="#">RYB</a>	<a href="#">237, 224, 222</a>
Decimal	<a href="#">15589598</a>
CIELab	<a href="#">90.13, 4.09, 2.56</a>
CIELCh	<a href="#">90, 4.819, 32.020</a>
Yxy	<a href="#">76.5931, 0.3232, 0.3311</a>
Android (android.graphics.Color)	<a href="#">4293779678</a> (0xFFEDE0DE)
YUV	<a href="#">227.6590, -2.7899, 8.1921</a>
Hunter-Lab	<a href="#">87.5156, -0.6577, 7.0964</a>

# Details

The HunterLab color  $87.5156, -0.6577, 7.0964$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $90.0331, -8.6274, 2.5638$ , and the grayscale version is  $87.9428, -4.6924, 4.7781$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $64.0232, 0.0922, 5.5960$  is the 20% darker color. If you saturate the color by 10%, you get  $80.6418, 6.3417, 10.3876$ , and if you desaturate by 10%, it is  $94.6925, -7.3160, 3.7795$ .

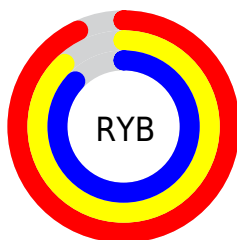
# Distribution



Red (93%)

Green (88%)

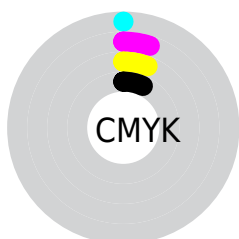
Blue (87%)



Red (93%)

Yellow (88%)

Blue (87%)

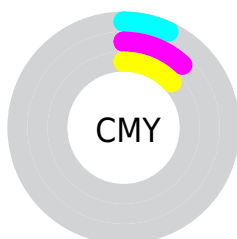


Cyan (0%)

Magenta (5%)

Yellow (6%)

Black (7%)



Cyan (7%)

Magenta (12%)


Yellow (13%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.5156, -0.6577, 7.0964 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 87.5156, -0.6577, 7.0964 by changing the saturation by 10% instead.




 87.5156, -0.6577,  
7.0964

 87.5156, -0.6577,  
7.0964


219.8581, -6.3079,  
15.1608

 75.4447, -0.2054,  
6.3247


113.3865, -1.6859,  
8.7220

 63.9845, 0.2064,  
5.5786


127.1344, -2.2528,  
9.5718

 53.1718, 0.5720,  
4.8602


141.3969, -2.8531,  
10.4459

 43.0477, 0.8868,  
4.1700

156.1562, -3.4853,  
11.3436

 33.6630, 1.1447,  
3.5086

171.3961, -4.1480,  
12.2645

 25.0810, 1.3379,  
2.8761

187.1018, -4.8401,


 17.3855, 1.4544,


13.2080


2.2715

203.2599, -5.5604,  
14.1736


 10.6936, 1.4757,  
1.6912


 1.2181, 14.5528,  
0.8527


 87.5156, -0.6577,  
7.0964


 87.5156, -0.6577,  
7.0964


 80.6418, 6.3417,  
10.3876

 94.6925, -7.3160,  
3.7795

 74.1119, 13.7195,  
13.6253

 98.3589, -11.0925,  
3.3853

 67.9848, 21.4827,  
16.7709

 62.3296, 29.5976,  
19.7604

■ 57.2284, 37.9548,  
22.4971

■ 52.7733, 46.3273,  
24.8463

■ 49.0593, 54.3367,  
26.6441

■ 46.1685, 61.4596,  
27.7330

■ 44.1454, 67.1185,  
28.0416

# Harmonies

## Analogous

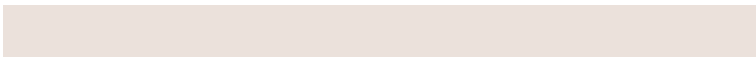
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.5175, 0.0649, 4.9210



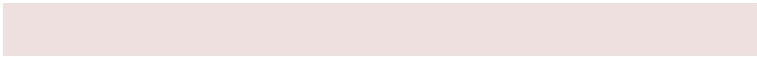
87.5156, -0.6577, 7.0964



87.5175, -2.4619, 8.6151

# Triad

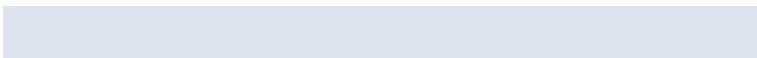
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.5175, -0.6600, 7.0978



87.5175, -8.7801, 6.8324



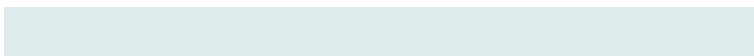
87.5175, -4.5089, 0.1841

# Complementary

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



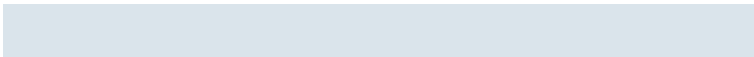
87.5156, -0.6577, 7.0964



90.0331, -8.6274, 2.5638

# 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.



87.5175, -6.8652, 0.7292



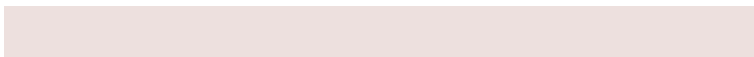
87.5156, -0.6577, 7.0964



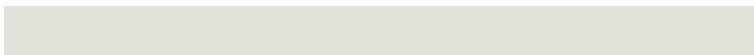
87.5175, -9.3150, 4.6063

# Square

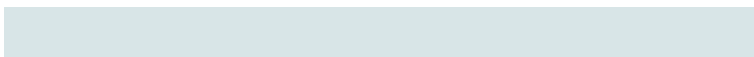
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.5175, -0.6600, 7.0978



87.5175, -7.1487, 8.4648



87.5175, -8.6177, 2.3637



87.5175, -2.1724, 0.8938



# Rectangle

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



87.5156, -0.6577, 7.0964



87.5175, -4.0220, 9.0703



87.5175, -8.6177, 2.3637



87.5175, -5.3249, 0.2267

# Sweetspot

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



87.5175, -0.6600, 7.0978



98.4322, -3.8861, 6.1575



87.3192, 2.6399, 0.4834



45.5750, -1.8313, 2.8321

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

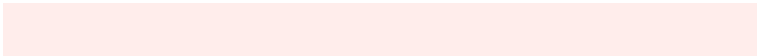


# Same Dimension

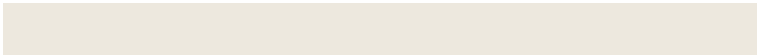
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.5175, -0.6600, 7.0978



93.8041, 0.5507, 8.3242



89.8397, -4.5740, 9.6704



39.2153, 0.6865, 3.7372



32.3896, 50.2228, 20.8376



9.6290, 12.3448, 6.1495

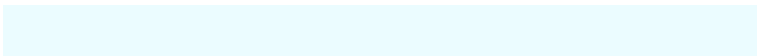


# Inverse Universe

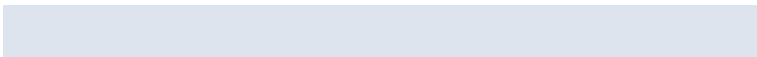
The Inverse Universe completely reimagines the original color for something new.



90.0331, -8.6274, 2.5638



97.2664, -10.4178, 2.0833



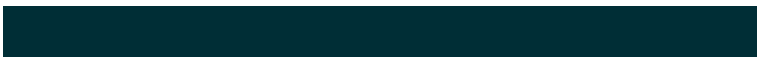
87.6683, -4.7499, -0.2486



40.9373, -4.7698, 0.6331



52.3501, -22.1251, -17.6713

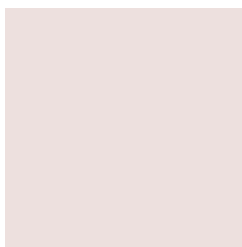


14.9906, -6.6117, -4.4641



# Previews

## White Background



This preview shows how the HunterLab color 87.5156, -0.6577, 7.0964 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

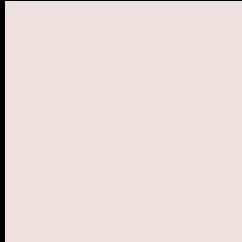
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 87.5156, -0.6577, 7.0964 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

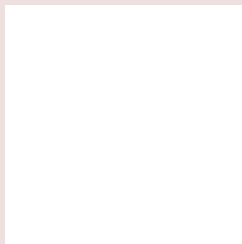
Any Text WCAG AAA ✓ Pass

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

## HunterLab 87.5156, -0.6577, 7.0964 Background



This preview shows how black text looks on a background with the HunterLab color 87.5156, -0.6577, 7.0964.



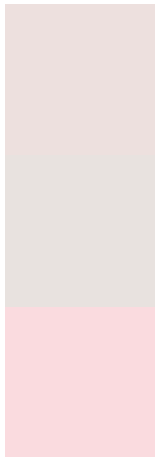
This preview shows how white text looks on a background with the HunterLab color 87.5156, -0.6577,



# 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

87.5156, -0.6577, 7.0964

### Protanopia

87.6791, -3.2054, 6.7633

### Deuteranopia

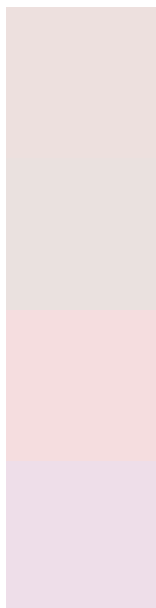
87.3583, 6.6546, 6.5649



## Tritanopia

87.3474, 4.5641, -1.5275

# Trichromacy



## Original Color

87.5156, -0.6577, 7.0964

## Protanomaly

87.5617, -2.0203, 6.6485

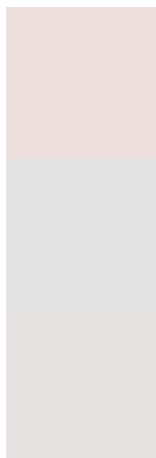
## Deuteranomaly

87.4375, 3.8337, 6.6072

## Tritanomaly

87.3515, 2.6205, 1.5460

# Monochromacy



## Original Color

87.5156, -0.6577, 7.0964

## Achromatopsia

88.0808, -4.6998, 4.7856

## Achromatomaly

87.9875, -3.5472, 5.6712

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.5156, -0.6577, 7.0964 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(237, 224, 222) looks like.

```
.text, #text, p{  
    color:rgb(237, 224, 222)  
}
```

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(237, 224, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 224, 222) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.5156, -0.6577, 7.0964 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(237, 224, 222) }
```



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

```
.border{ border-color:rgb(237, 224, 222) }
```

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

Here you see how a box with a 4 pixel rgb(237, 224, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 224, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 224, 222);  
box-shadow:4px 4px 4px 4px rgb(237, 224,  
222) }
```

# Background

The CSS property to change the background color of an element to HunterLab 87.5156, -0.6577, 7.0964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 224, 222) }
```

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

```
.background{ background-color: rgb(237,  
224, 222) }
```

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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