

# Converting Colors

HunterLab(87.3707, 1.8724,  
10.4886)

Have a look what the booklet for  
HunterLab(87.3707, 1.8724,  
10.4886) contains.

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# Color

**HunterLab(87.4700, 1.8472,  
10.8084)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5DED6
RGB	245, 222, 214
RGB Percent	96%, 87%, 84%
CMY	0.0392, 0.1294, 0.1608
CMYK	0.00, 0.09, 0.13, 0.04
HSL	15°, 61%, 90%
HSV	15°, 13%, 96%
XYZ	75.9150, 76.5100, 74.3851
YIQ	227.9650, 16.2760, 2.3880

# Conversions

## Conversions Part 2

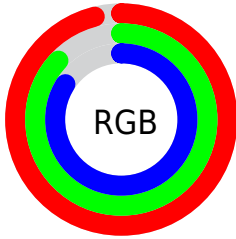
Format	Color
R <sub>Y</sub> B	245, 225, 214
Decimal	16113366
CIE Lab	90.10, 6.60, 6.78
CIE LCh	90, 9.460, 45.776
Yxy	76.5134, 0.3347, 0.3373
Android (android.graphics.Color)	4294303446 (0xFFF5DED6)
YUV	227.9650, -6.8847, 14.9397
Hunter-Lab	87.4700, 1.8472, 10.8084

# Details

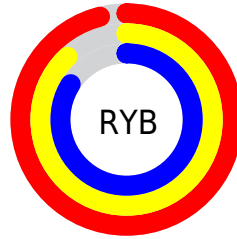
The HunterLab color  $87.4700, 1.8472, 10.8084$  is a light color, and the websafe version is hex  $\text{FFCCCC}$ . A complement of this color would be  $90.2526, -10.6038, -1.3228$ , and the grayscale version is  $88.0912, -4.7003, 4.7862$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $63.9996, 2.5288, 9.0934$  is the 20% darker color. If you saturate the color by 10%, you get  $81.3722, 7.7504, 14.9895$ , and if you desaturate by 10%, it is  $93.8303, -3.6888, 6.3962$ .

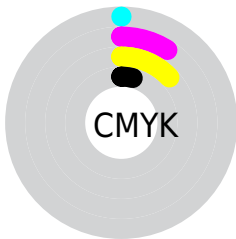
# Distribution



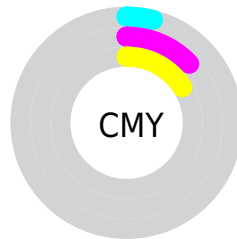
- Red (96%)
- Green (87%)
- Blue (84%)



- Red (96%)
- Yellow (88%)
- Blue (84%)



- Cyan (0%)
- Magenta (9%)
- Yellow (13%)
- Black (4%)



- Cyan (4%)
- Magenta (13%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.4700, 1.8472, 10.8084 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 87.4700, 1.8472, 10.8084 by changing the saturation by 10% instead.



87.4700, 1.8472,  
10.8084

87.4700, 1.8472,  
10.8084

219.7961, -2.9383,  
20.3294

75.4013, 2.1839,  
9.8382

113.3368, 1.0347,  
12.8025

63.9435, 2.4747,  
8.8819

127.0828, 0.5697,  
13.8247

53.1332, 2.7123,  
7.9392

141.3435, 0.0677,  
14.8645

43.0118, 2.8911,  
7.0077

156.1010, -0.4694,  
15.9220

33.6298, 3.0032,  
6.0832

171.3391, -1.0400,  
16.9973

25.0510, 3.0382,  
5.1590

187.0431, -1.6425,

17.3589, 2.9808,

18.0904

4.2225

203.1995, -2.2756,  
19.2011

■ 10.6710, 2.8064,  
3.3405

■ 1.0372, 27.6645,  
0.7260

■ 87.4700, 1.8472,  
10.8084

■ 87.4700, 1.8472,  
10.8084

■ 81.3722, 7.7504,  
14.9895

■ 93.8303, -3.6888,  
6.3962

■ 75.5666, 14.0586,  
18.8795

■ 99.0720, -8.5791,  
4.2792

■ 70.0971, 20.7847,  
22.4073

■ 65.0129, 27.9160,  
25.4805

■ 60.3704, 35.3919,  
27.9874

■ 56.2314, 43.0790,  
29.8045

■ 52.6590, 50.7462,  
30.8171

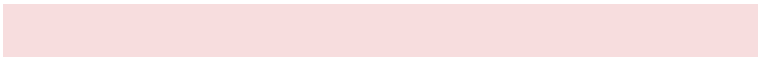
■ 49.7094, 58.0533,  
30.9644

■ 47.9548, 62.9163,  
30.6510

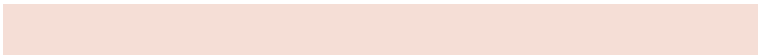
# Harmonies

## Analogous

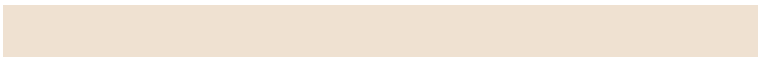
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.4719, 4.3685, 7.1099



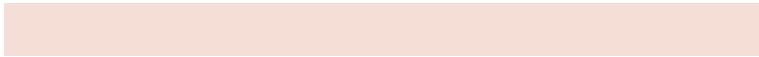
87.4700, 1.8472, 10.8084



87.4719, -2.3974, 12.8351

# Triad

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



87.4719, 1.8447, 10.8098



87.4719, -13.4215, 6.8868



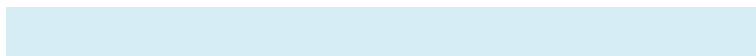
87.4719, -2.1540, -4.0962

# Complementary

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



87.4700, 1.8472, 10.8084



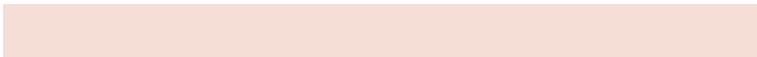
90.2526, -10.6038, -1.3228

# 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.



87.4719, -6.9235, -4.1639



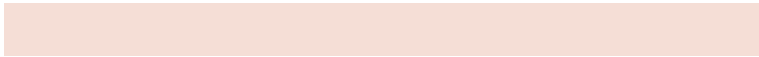
87.4700, 1.8472, 10.8084



87.4719, -13.3595, 2.3458

# Square

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



87.4719, 1.8447, 10.8098



87.4719, -11.1744, 10.6541



87.4719, -11.0033, -1.7525



87.4719, 2.0262, -1.5722

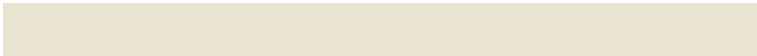


# Rectangle

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



87.4700, 1.8472, 10.8084



87.4719, -5.5968, 13.0370



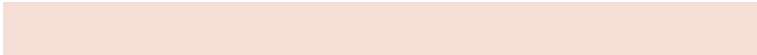
87.4719, -11.0033, -1.7525



87.4719, -3.7432, -4.4113

# Sweetspot

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



87.4719, 1.8447, 10.8098



97.2767, -3.0967, 7.3324



85.8112, 10.0562, -2.4387



44.7697, -1.2349, 3.5559

0.0000, NaN, NaN

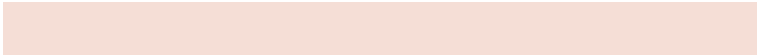


46.2646, -2.4686, 2.5136

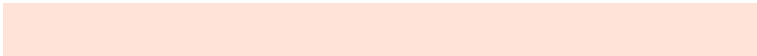


# Same Dimension

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



87.4719, 1.8447, 10.8098



89.9949, 3.3642, 12.3772



92.1854, -6.1267, 15.7795



41.4464, 0.0248, 4.3712



35.4643, 45.3758, 22.6473



11.2467, 11.3599, 7.1290

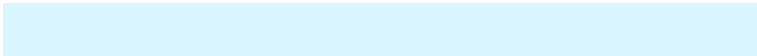


# Inverse Universe

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



90.2526, -10.6038, -1.3228



93.4414, -12.0734, -2.6632



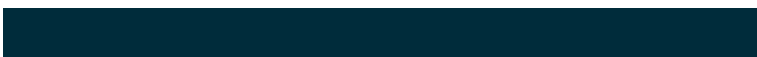
85.4398, -2.7146, -7.3471



42.4159, -4.3132, 0.1417



46.6398, -12.8086, -30.6456

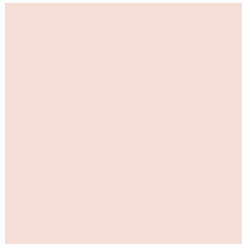


14.4115, -4.6255, -8.0281



# Previews

## White Background



This preview shows how the HunterLab color 87.4700, 1.8472, 10.8084 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

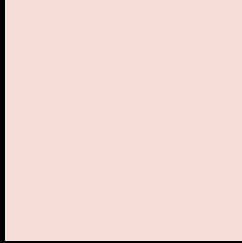
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 87.4700, 1.8472, 10.8084 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

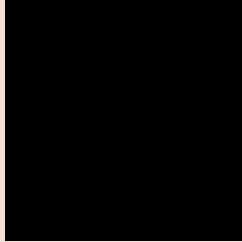
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

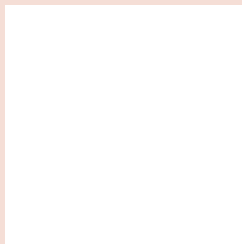
Any Text WCAG AAA ✓ Pass

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

## HunterLab 87.4700, 1.8472, 10.8084 Background



This preview shows how black text looks on a background with the HunterLab color 87.4700, 1.8472, 10.8084.



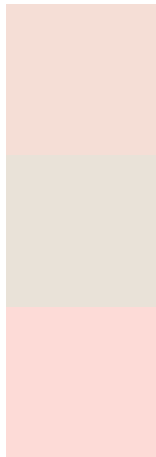
This preview shows how white text looks on a background with the HunterLab color 87.4700, 1.8472,

10.8084.

# 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

87.4700, 1.8472, 10.8084

### Protanopia

87.5638, -4.0271, 9.8972

### Deuteranopia

87.4368, 6.4354, 10.3965



## Tritanopia

87.5646, 8.1765, 0.3675

# Trichromacy



## Original Color

87.4700, 1.8472, 10.8084

## Protanomaly

87.6135, -2.3228, 10.4399

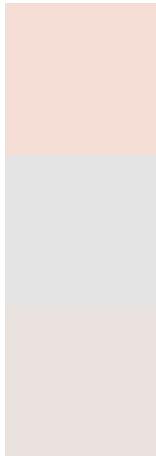
## Deuteranomaly

87.4166, 4.8291, 10.3458

## Tritanomaly

87.4997, 5.9033, 4.2851

# Monochromacy



## Original Color

87.4700, 1.8472, 10.8084

## Achromatopsia

88.0808, -4.6998, 4.7856

## Achromatomaly

87.8708, -2.5424, 6.9961

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.4700, 1.8472, 10.8084 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(245, 222, 214)` looks like.

```
.text, #text, p{  
    color:rgb(245, 222, 214)  
}
```

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(245, 222, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 222, 214) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.4700, 1.8472, 10.8084 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(245, 222, 214) }
```



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

```
.border{ border-color:rgb(245, 222, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 222, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 222, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 222, 214);  
box-shadow:4px 4px 4px 4px rgb(245, 222,  
214) }
```

# Background

The CSS property to change the background color of an element to HunterLab 87.4700, 1.8472, 10.8084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 222, 214) }
```

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

```
.background{ background-color: rgb(245,  
222, 214) }
```

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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