

# Converting Colors

HunterLab(87.3996, 10.5676,  
3.9945)

Have a look what the booklet for  
HunterLab(87.3996, 10.5676,  
3.9945) contains.

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# Color

**HunterLab(87.4888, 10.5149,  
3.8582)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFD9E5
RGB	255, 217, 229
RGB Percent	100%, 85%, 90%
CMY	0.0000, 0.1490, 0.1020
CMYK	0.00, 0.15, 0.10, 0.00
HSL	341°, 100%, 93%
HSV	341°, 15%, 100%
XYZ	80.1958, 76.5429, 84.6762
YIQ	229.7300, 18.7960, 11.7880

# Conversions

## Conversions Part 2

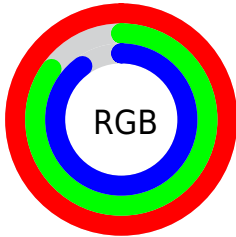
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 217, 229
Decimal	16767461
CIE Lab	90.11, 15.09, -0.97
CIE LCh	90, 15.124, 356.324
Yxy	76.5461, 0.3322, 0.3171
Android (android.graphics.Color)	4294957541 (0xFFFFD9E5)
YUV	229.7300, -0.3599, 22.1618
Hunter-Lab	87.4888, 10.5149, 3.8582

# Details

The HunterLab color  $87.4888, 10.5149, 3.8582$  is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be  $96.3037, -19.2210, 6.7991$ , and the grayscale version is  $88.8341, -4.7400, 4.8265$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $63.9550, 10.4624, 2.4685$  is the 20% darker color. If you saturate the color by 10%, you get  $79.6703, 21.4629, 3.3345$ , and if you desaturate by 10%, it is  $95.7849, -0.1895, 4.8251$ .

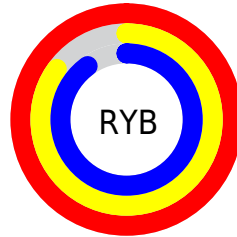
# Distribution



Red (100%)

Green (85%)

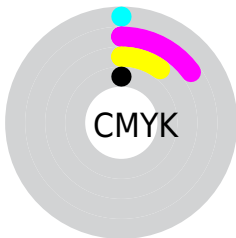
Blue (90%)



Red (100%)

Yellow (85%)

Blue (90%)

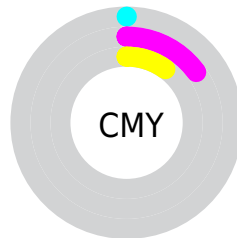


Cyan (0%)

Magenta (15%)

Yellow (10%)

Black (0%)



Cyan (0%)

Magenta (15%)


Yellow (10%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.4888, 10.5149, 3.8582 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 87.4888, 10.5149, 3.8582 by changing the saturation by 10% instead.




 87.4888, 10.5149,  
3.8582

 87.4888, 10.5149,  
3.8582


219.8215, 8.5948,  
10.7412

 75.4191, 10.4725,  
3.2456


113.3572, 10.4140,  
5.1870

 63.9603, 10.3669,  
2.6673


127.1039, 10.2857,  
5.8973

 53.1490, 10.1878,  
2.1269


141.3654, 10.1093,  
6.6371

 43.0265, 9.9259,  
1.6272

156.1236, 9.8875,  
7.4051

 33.6434, 9.5695,  
1.1717

171.3624, 9.6231,  
8.2003

 25.0633, 9.1024,  
0.7650

187.0671, 9.3183,

 17.3698, 8.5027,

9.0220

0.4134

203.2243, 8.9749,  
9.8692

■ 10.6802, 7.7402,  
0.1262

■ 1.1149, 58.9313,  
-3.5443

■ 87.4888, 10.5149,  
3.8582

■ 87.4888, 10.5149,  
3.8582

■ 79.6703, 21.4629,  
3.3345

■ 95.7849, -0.1895,  
4.8251

■ 72.4116, 32.5891,  
3.3502

100.0000, -5.3358,  
5.4332

■ 65.8217, 43.7103,  
4.0195

■ 60.0276, 54.4786,  
5.4526

■ 55.1679, 64.3253,  
7.7202

■ 51.3717, 72.4756,  
10.7983

■ 48.7210, 78.1245,  
14.5098

■ 47.1976, 80.8018,  
18.5117

■ 46.7405, 81.2998,  
20.4720

# Harmonies

## Analogous

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



87.4906, 7.9212, -3.3661



87.4888, 10.5149, 3.8582



87.4906, 8.9199, 10.7490

# Triad

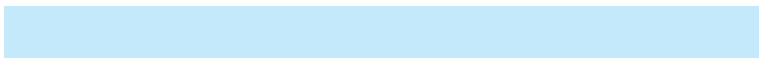
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.4906, 10.5119, 3.8596



87.4906, -11.1074, 16.4099



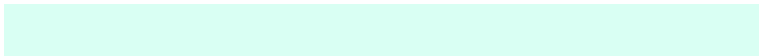
87.4906, -12.6890, -7.7147

# Complementary

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



87.4888, 10.5149, 3.8582



96.3037, -19.2210, 6.7991

# 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.



87.4906, -17.4836, -1.6797



87.4888, 10.5149, 3.8582



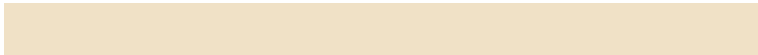
87.4906, -16.5927, 12.1787

# Square

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



87.4906, 10.5119, 3.8596



87.4906, -3.7270, 17.6194



87.4906, -18.8880, 5.6556



87.4906, -5.6150, -10.4011

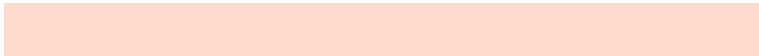


# Rectangle

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



87.4888, 10.5149, 3.8582



87.4906, 5.7297, 14.2997



87.4906, -18.8880, 5.6556



87.4906, -14.6112, -5.9864

# Sweetspot

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



87.4906, 10.5119, 3.8596



96.5518, -1.1392, 4.9306



87.1194, 11.0764, -10.5098



44.3725, -0.1597, 2.2402

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

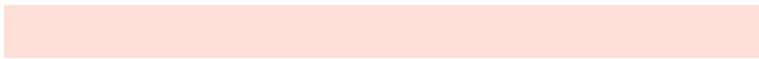
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.4906, 10.5119, 3.8596



85.0116, 13.8824, 3.6453



89.1999, 4.8171, 11.4123



42.5224, 2.1770, 2.0039



33.8217, 58.8973, 14.2848



10.6423, 18.7041, 3.1649



# Inverse Universe

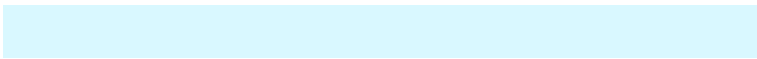
The Inverse Universe completely reimagines the original color for something new.



87.4906, 10.5119, 3.8596



85.0116, 13.8824, 3.6453



94.4080, -13.4921, -1.4779



42.5224, 2.1770, 2.0039



33.8217, 58.8973, 14.2848

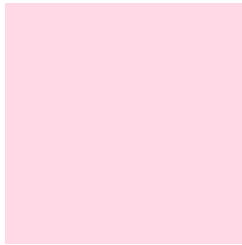


10.6423, 18.7041, 3.1649



# Previews

## White Background



This preview shows how the HunterLab color 87.4888, 10.5149, 3.8582 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

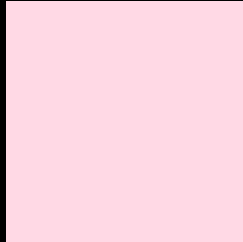
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 87.4888, 10.5149, 3.8582 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

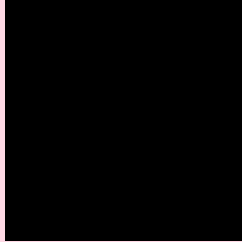
Any Text WCAG AA ✓ Pass

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 87.4888, 10.5149, 3.8582 Background



This preview shows how black text looks on a background with the HunterLab color 87.4888, 10.5149, 3.8582.



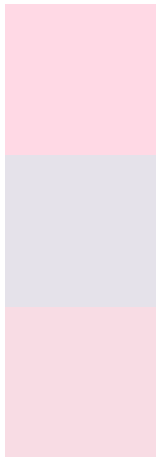
This preview shows how white text looks on a background with the HunterLab color 87.4888, 10.5149,

3.8582.

# 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

87.4888, 10.5149, 3.8582

### Protanopia

87.7447, -2.2802, 1.4293

### Deuteranopia

87.6038, 6.2527, 4.4145



## Tritanopia

87.6179, 11.1992, 2.0193

# Trichromacy



## Original Color

87.4888, 10.5149, 3.8582

## Protanomaly

87.6235, 1.9146, 2.3689

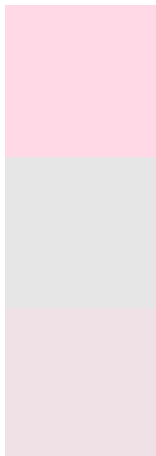
## Deuteranomaly

87.6206, 7.8441, 4.4622

## Tritanomaly

87.5853, 11.0269, 2.4825

# Monochromacy



## Original Color

87.4888, 10.5149, 3.8582

## Achromatopsia

88.9549, -4.7464, 4.8331

## Achromatomaly

88.2691, 0.8456, 4.1207

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.4888, 10.5149, 3.8582 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(255, 217, 229)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 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(255, 217, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 229) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.4888, 10.5149, 3.8582 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(255, 217, 229) }
```



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

```
.border{ border-color:rgb(255, 217, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 217, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 229);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
229) }
```

# Background

The CSS property to change the background color of an element to HunterLab 87.4888, 10.5149, 3.8582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 229) }
```

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

```
.background{ background-color: rgb(255,  
217, 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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