

# Converting Colors

HunterLab(103.0564, 54.8327,  
23.1893)

Have a look what the booklet for  
HunterLab(103.0564, 54.8327,  
23.1893) contains.

<b>HunterLab(87.9852, 8.9323, 5.8870)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(87.9852, 8.9323,  
5.8870)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFDBE2
RGB	255, 219, 226
RGB Percent	100%, 86%, 89%
CMY	0.0000, 0.1412, 0.1137
CMYK	0.00, 0.14, 0.11, 0.00
HSL	348°, 100%, 93%
HSV	348°, 14%, 100%
XYZ	80.2989, 77.4140, 82.6616
YIQ	230.5620, 19.2090, 9.8090

# Conversions

## Conversions Part 2

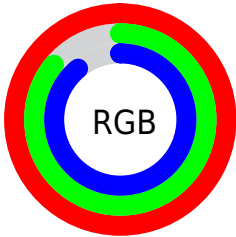
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 219, 226
Decimal	16767970
CIE Lab	90.51, 13.57, 1.19
CIE LCh	91, 13.619, 5.022
Yxy	77.4172, 0.3341, 0.3221
Android (android.graphics.Color)	4294958050 (0xFFFFDBE2)
YUV	230.5620, -2.2491, 21.4321
Hunter-Lab	87.9852, 8.9323, 5.8870

# Details

The HunterLab color  $87.9852, 8.9323, 5.8870$  is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be  $96.6223, -17.7513, 4.7308$ , and the grayscale version is  $89.2059, -4.7598, 4.8467$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $64.4181, 8.9545, 4.3899$  is the 20% darker color. If you saturate the color by 10%, you get  $80.0337, 19.4010, 6.6537$ , and if you desaturate by 10%, it is  $96.4125, -1.2395, 5.4991$ .

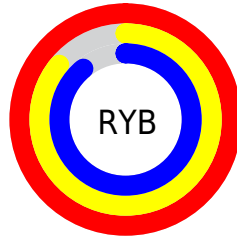
# Distribution



Red (100%)

Green (86%)

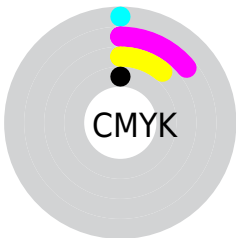
Blue (89%)



Red (100%)

Yellow (86%)

Blue (89%)

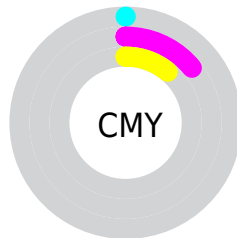


Cyan (0%)

Magenta (14%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (14%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.9852, 8.9323, 5.8870 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 87.9852, 8.9323, 5.8870 by changing the saturation by 10% instead.



87.9852, 8.9323,  
5.8870

87.9852, 8.9323,  
5.8870

220.4961, 6.4881,  
13.4994

75.8916, 8.9592,  
5.1764

113.8983, 8.7013,  
7.3988

64.4076, 8.9260,  
4.4949

127.6661, 8.5115,  
8.1952

53.5696, 8.8230,  
3.8450

141.9478, 8.2754,  
9.0179

43.4186, 8.6415,  
3.2285

156.7256, 7.9960,  
9.8660

34.0047, 8.3703,  
2.6469

171.9834, 7.6756,  
10.7389

25.3909, 7.9943,  
2.1023

187.7064, 7.3163,

17.6600, 7.4923,

11.6358

1.5968

203.8815, 6.9199,  
12.5562

■ 10.9272, 6.8339,  
1.1324

■ 2.3838, 24.6725,  
1.6687

■ 87.9852, 8.9323,  
5.8870

■ 87.9852, 8.9323,  
5.8870

■ 80.0337, 19.4010,  
6.6537

■ 96.4125, -1.2395,  
5.4991

■ 72.6406, 30.1255,  
7.8642

100.0000, -5.3358,  
5.4332

■ 65.9171, 40.9552,  
9.5864

■ 59.9935, 51.5806,  
11.8638

■ 55.0146, 61.4676,  
14.6811

■ 51.1186, 69.8544,  
17.9190

■ 48.3984, 75.9076,  
21.3255

■ 46.8463, 79.0847,  
24.5467

■ 46.3535, 79.8705,  
26.1648

# Harmonies

## Analogous

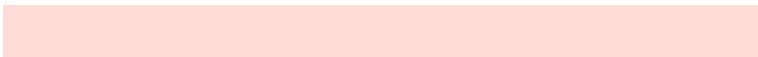
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.9871, 7.6696, -0.7160



87.9852, 8.9323, 5.8870



87.9871, 6.4464, 11.7376

# Triad

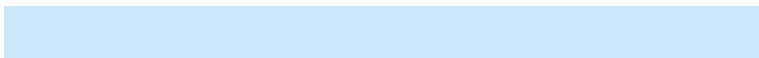
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.9871, 8.9294, 5.8884



87.9871, -12.1944, 14.5229



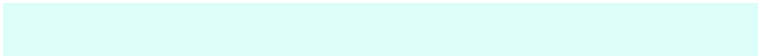
87.9871, -10.2394, -7.4535

# Complementary

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



87.9852, 8.9323, 5.8870



96.6223, -17.7513, 4.7308

# 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.



87.9871, -15.3168, -2.7762



87.9852, 8.9323, 5.8870



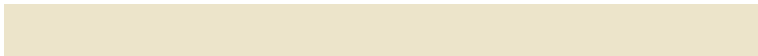
87.9871, -16.4209, 9.9605

# Square

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



87.9871, 8.9294, 5.8884



87.9871, -5.8593, 16.4713



87.9871, -17.5462, 3.6760



87.9871, -3.5336, -8.7526

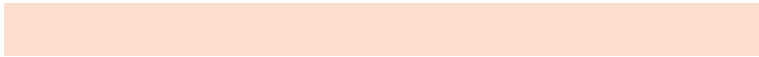


# Rectangle

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



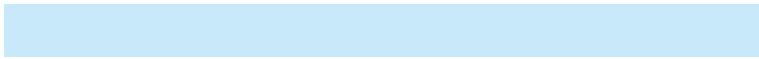
87.9852, 8.9323, 5.8870



87.9871, 3.0466, 14.5277



87.9871, -17.5462, 3.6760



87.9871, -12.1865, -6.2074

# Sweetspot

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



87.9871, 8.9294, 5.8884



96.5121, -1.3549, 5.4965



88.2079, 11.6224, -9.0350



44.3507, -0.2780, 2.5510

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

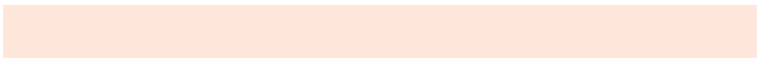
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.9871, 8.9294, 5.8884



85.6408, 11.9199, 6.0676



91.0272, 2.0287, 12.4717



42.4791, 1.9442, 2.6214



33.5312, 57.8248, 18.5546



10.5315, 18.2968, 4.7805



# Inverse Universe

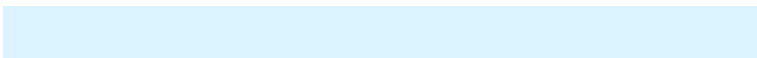
The Inverse Universe completely reimagines the original color for something new.



87.9871, 8.9294, 5.8884



85.6408, 11.9199, 6.0676



93.3295, -10.9386, -2.7844



42.4791, 1.9442, 2.6214



33.5312, 57.8248, 18.5546

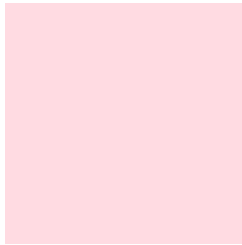


10.5315, 18.2968, 4.7805



# Previews

## White Background



This preview shows how the HunterLab color 87.9852, 8.9323, 5.8870 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

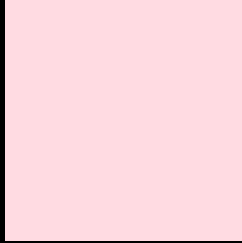
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 87.9852, 8.9323, 5.8870 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

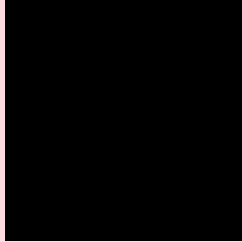
Any Text WCAG AA ✓ Pass

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 87.9852, 8.9323, 5.8870 Background



This preview shows how black text looks on a background with the HunterLab color 87.9852, 8.9323, 5.8870.



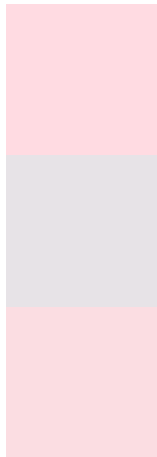
This preview shows how white text looks on a background with the HunterLab color 87.9852, 8.9323,

5.8870.

# 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

87.9852, 8.9323, 5.8870

### Protanopia

88.1457, -2.6837, 3.4158

### Deuteranopia

88.1550, 6.4354, 6.0413



## Tritanopia

87.9451, 10.8302, 1.9022

# Trichromacy



## Original Color

87.9852, 8.9323, 5.8870

## Protanomaly

88.0305, 1.5400, 4.3440

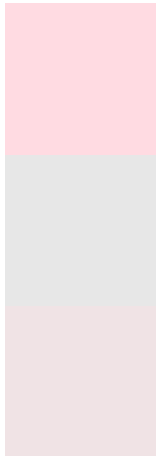
## Deuteranomaly

87.9618, 7.3254, 5.8315

## Tritanomaly

87.8478, 10.3142, 3.2873

# Monochromacy



## Original Color

87.9852, 8.9323, 5.8870

## Achromatopsia

89.3925, -4.7698, 4.8569

## Achromatomaly

88.9497, -0.0443, 5.3987

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.9852, 8.9323, 5.8870 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, 219, 226)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 226)  
}
```

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, 219, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 226) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.9852, 8.9323, 5.8870 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, 219, 226) }
```



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

```
.border{ border-color:rgb(255, 219, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 219, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 226);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
226) }
```

# Background

The CSS property to change the background color of an element to HunterLab 87.9852, 8.9323, 5.8870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 226) }
```

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

```
.background{ background-color: rgb(255,  
219, 226) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor