

# Converting Colors

HunterLab(90.9367, 18.5972,  
13.7001)

Have a look what the booklet for  
HunterLab(90.9367, 18.5972,  
13.7001) contains.

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# Color

**HunterLab(87.7113, 7.4720,  
9.8038)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FFDBD9
RGB	255, 219, 217
RGB Percent	100%, 86%, 85%
CMY	0.0000, 0.1412, 0.1490
CMYK	0.00, 0.14, 0.15, 0.00
HSL	3°, 100%, 93%
HSV	3°, 15%, 100%
XYZ	79.0958, 76.9327, 76.3263
YIQ	229.5360, 22.0980, 7.0100

# Conversions

## Conversions Part 2

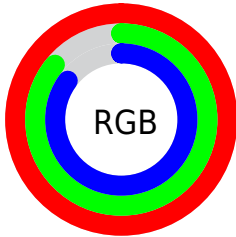
Format	Color
R <sub>Y</sub> B	255, 219, 217
Decimal	16767961
CIE Lab	90.29, 12.15, 5.60
CIE LCh	90, 13.375, 24.735
Yxy	76.9360, 0.3404, 0.3311
Android (android.graphics.Color)	4294958041 (0xFFFFDBD9)
YUV	229.5360, -6.1802, 22.3319
Hunter-Lab	87.7113, 7.4720, 9.8038

# Details

The HunterLab color **87.7113, 7.4720, 9.8038** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96.0311, -16.0261, 0.4821**, and the grayscale version is **88.7729, -4.7367, 4.8232**.

A 20% lighter version of the original color is **100.0000, -5.3358, 5.4332**, and **64.1602, 7.5884, 8.0803** is the 20% darker color. If you saturate the color by 10%, you get **80.0046, 16.5746, 12.8457**, and if you desaturate by 10%, it is **95.8637, -1.2203, 6.8496**.

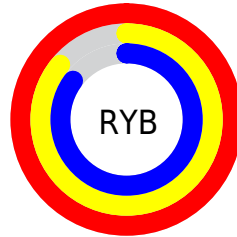
# Distribution



Red (100%)

Green (86%)

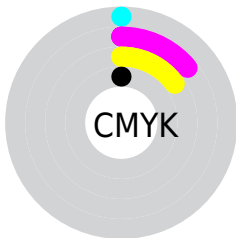
Blue (85%)



Red (100%)

Yellow (86%)

Blue (85%)

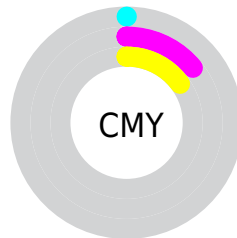


Cyan (0%)

Magenta (14%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (14%)


Yellow (15%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.7113, 7.4720, 9.8038 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 87.7113, 7.4720, 9.8038 by changing the saturation by 10% instead.




 87.7113, 7.4720,  
9.8038

 87.7113, 7.4720,  
9.8038


220.1240, 4.5611,  
18.9155

 75.6309, 7.5601,  
8.8897


113.5998, 7.1255,  
11.6940

 64.1608, 7.5908,  
7.9929


127.3560, 6.8809,  
12.6676

 53.3375, 7.5548,  
7.1138


141.6265, 6.5919,  
13.6609

 43.2022, 7.4438,  
6.2510

156.3935, 6.2611,  
14.6735

 33.8053, 7.2473,  
5.4017

171.6409, 5.8907,  
15.7055

 25.2101, 6.9506,  
4.5612

187.3538, 5.4828,

 17.4998, 6.5332,

16.7566

3.7207

203.5190, 5.0391,  
17.8267

■ 10.7908, 5.9645,  
2.8867

■ 1.7984, 29.3373,  
1.2589

■ 87.7113, 7.4720,  
9.8038

■ 87.7113, 7.4720,  
9.8038

■ 80.0046, 16.5746,  
12.8457

■ 95.8637, -1.2203,  
6.8496

■ 72.8179, 26.0916,  
15.9520

100.0000, -5.3358,  
5.4332

■ 66.2521, 35.9427,  
19.0759

■ 60.4253, 45.9225,  
22.1223

■ 55.4694, 55.6341,  
24.9334

■ 51.5151, 64.4549,  
27.2890

■ 48.6598, 71.6122,  
28.9513

■ 46.9229, 76.4286,  
29.7705

■ 46.4323, 77.8587,  
29.9744

# Harmonies

## Analogous

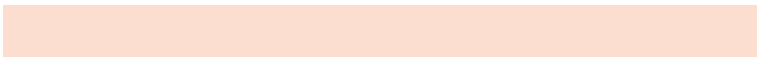
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.7132, 8.6740, 3.6291



87.7113, 7.4720, 9.8038



87.7132, 2.9674, 14.3059

# Triad

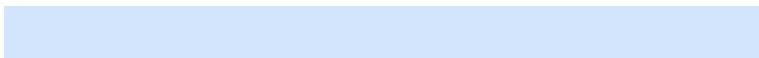
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.7132, 7.4690, 9.8051



87.7132, -15.0744, 11.6352



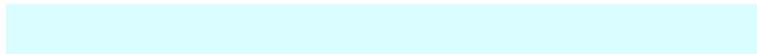
87.7132, -5.8777, -8.4900

# Complementary

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



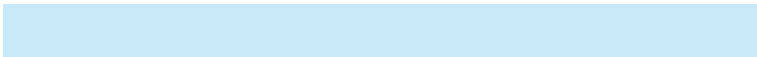
87.7113, 7.4720, 9.8038



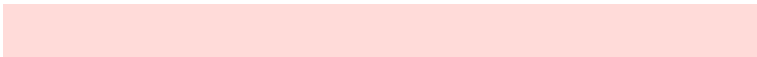
96.0311, -16.0261, 0.4821

# 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.



87.7132, -12.0835, -5.9634



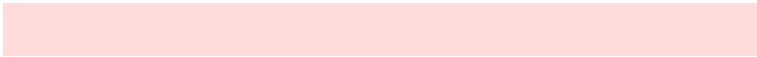
87.7113, 7.4720, 9.8038



87.7132, -17.2892, 5.9046

# Square

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



87.7132, 7.4690, 9.8051



87.7132, -10.0717, 15.3050



87.7132, -16.2110, -0.5730



87.7132, 0.8352, -7.2489

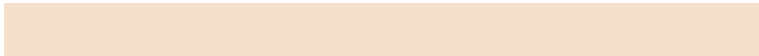


# Rectangle

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



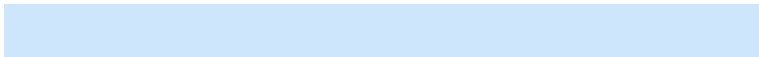
87.7113, 7.4720, 9.8038



87.7132, -1.2270, 15.9126



87.7132, -16.2110, -0.5730



87.7132, -8.0900, -8.0478

# Sweetspot

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



87.7132, 7.4690, 9.8051



96.6178, -1.9839, 6.5875



88.3090, 14.8429, -7.7723



44.4086, -0.6231, 3.1488

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

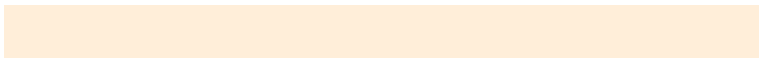
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.7132, 7.4690, 9.8051



85.2739, 10.2452, 10.7387



93.4672, -2.5551, 15.9069



42.5918, 1.2627, 3.7933



33.6568, 55.9660, 21.7190

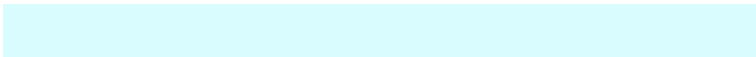


10.7454, 16.6557, 6.9128



# Inverse Universe

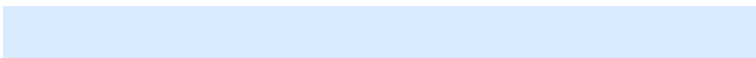
The Inverse Universe completely reimagines the original color for something new.



96.0311, -16.0261, 0.4821



95.2758, -18.0411, -0.4817



89.9305, -6.2959, -7.0691



45.0638, -5.7093, 1.0255



60.7337, -29.9033, -11.3591

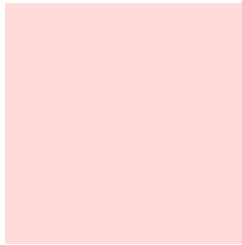


19.0781, -9.4859, -3.3687



# Previews

## White Background



This preview shows how the HunterLab color 87.7113, 7.4720, 9.8038 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

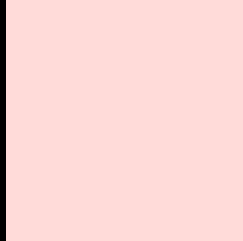
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 87.7113, 7.4720, 9.8038 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

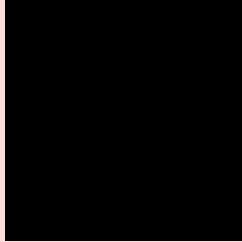
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

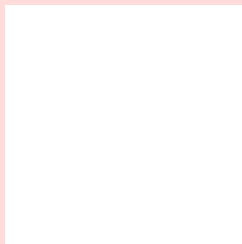
Any Text WCAG AAA ✓ Pass

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

## HunterLab 87.7113, 7.4720, 9.8038 Background



This preview shows how black text looks on a background with the HunterLab color 87.7113, 7.4720, 9.8038.



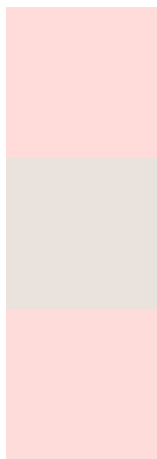
This preview shows how white text looks on a background with the HunterLab color 87.7113, 7.4720,

9.8038.

# 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

87.7113, 7.4720, 9.8038

### Protanopia

87.7136, -3.2082, 7.7531

### Deuteranopia

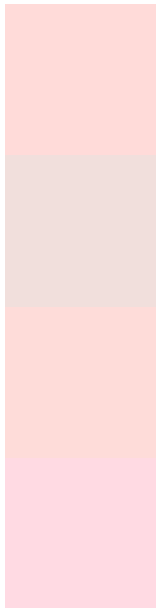
87.7945, 6.2177, 9.8752



## Tritanopia

87.6179, 11.1992, 2.0193

# Trichromacy



## Original Color

87.7113, 7.4720, 9.8038

## Protanomaly

87.5462, 0.8991, 8.1052

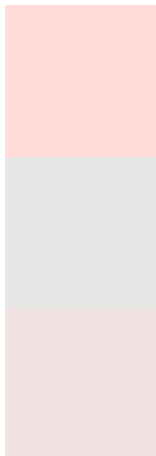
## Deuteranomaly

87.9016, 6.5767, 10.0015

## Tritanomaly

87.7205, 9.6381, 5.1022

# Monochromacy



## Original Color

87.7113, 7.4720, 9.8038

## Achromatopsia

88.9549, -4.7464, 4.8331

## Achromatomaly

88.4193, -0.5313, 6.7078

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.7113, 7.4720, 9.8038 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, 217)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 217)  
}
```

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, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 217) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.7113, 7.4720, 9.8038 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, 217) }
```



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

```
.border{ border-color:rgb(255, 219, 217) }
```

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, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
217) }
```

# Background

The CSS property to change the background color of an element to HunterLab 87.7113, 7.4720, 9.8038 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, 217) }
```

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

```
.background{ background-color: rgb(255,  
219, 217) }
```

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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