

# Converting Colors

HunterLab(88.8495, 18.0102,  
3.0965)

Have a look what the booklet for  
HunterLab(88.8495, 18.0102,  
3.0965) contains.

<b>HunterLab(87.0640, 12.4584, 0.8567)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(87.0640, 12.4584,  
0.8567)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFD7EA
RGB	255, 215, 234
RGB Percent	100%, 84%, 92%
CMY	0.0000, 0.1568, 0.0823
CMYK	0.00, 0.16, 0.08, 0.00
HSL	332°, 100%, 92%
HSV	332°, 16%, 100%
XYZ	80.3917, 75.8014, 88.2360
YIQ	229.1260, 17.7410, 14.3890

# Conversions

## Conversions Part 2

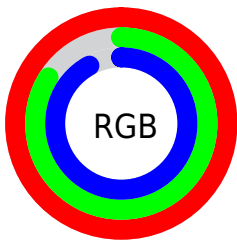
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 215, 234
Decimal	16766954
CIE Lab	89.77, 16.96, -4.10
CIE LCh	90, 17.449, 346.396
Yxy	75.8045, 0.3289, 0.3101
Android (android.graphics.Color)	4294957034 (0xFFFFD7EA)
YUV	229.1260, 2.4029, 22.6915
Hunter-Lab	87.0640, 12.4584, 0.8567

# Details

The HunterLab color **87.0640, 12.4584, 0.8567** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95.9293, -21.0132, 9.6940**, and the grayscale version is **88.5586, -4.7253, 4.8116**.

A 20% lighter version of the original color is **100.0000, -5.3358, 5.4332**, and **63.5309, 12.1520, 0.0523** is the 20% darker color. If you saturate the color by 10%, you get **79.4186, 24.0713, -1.5086**, and if you desaturate by 10%, it is **95.1935, 1.0441, 3.6724**.

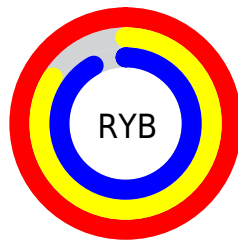
# Distribution



Red (100%)

Green (84%)

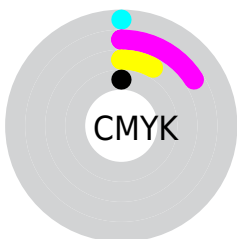
Blue (92%)



Red (100%)

Yellow (84%)

Blue (92%)

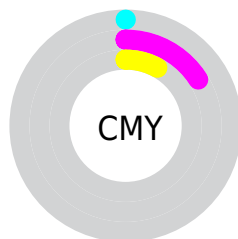


Cyan (0%)

Magenta (16%)

Yellow (8%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (8%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.0640, 12.4584, 0.8567 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 87.0640, 12.4584, 0.8567 by changing the saturation by 10% instead.




 87.0640, 12.4584,  
0.8567

 87.0640, 12.4584,  
0.8567


219.2438, 11.1711,  
6.7079

 75.0148, 12.3329,  
0.3816


112.8940, 12.5144,  
1.9280

 63.5777, 12.1403,  
-0.0525


126.6227, 12.4604,  
2.5169

 52.7893, 11.8700,  
-0.4406


140.8668, 12.3558,  
3.1394

 42.6914, 11.5122,  
-0.7784

155.6082, 12.2037,  
3.7939

 33.3347, 11.0541,  
-1.0605

170.8308, 12.0070,  
4.4792

 24.7835, 10.4792,  
-1.2795

186.5197, 11.7679,

 17.1224, 9.7651,

5.1939

-1.4251

202.6615, 11.4887,  
5.9372

■ 10.4700, 8.8832,  
-1.4817

0.0000, INF, -NF

■ 87.0640, 12.4584,  
0.8567

■ 87.0640, 12.4584,  
0.8567

■ 79.4186, 24.0713,  
-1.5086

■ 95.1935, 1.0441,  
3.6724

■ 72.3388, 35.7882,  
-3.2997

100.0000, -5.3358,  
5.4332

■ 65.9319, 47.3855,  
-4.3539

■ 60.3201, 58.4680,  
-4.4852

■ 55.6334, 68.4240,  
-3.5134

■ 51.9885, 76.4636,  
-1.3278

■ 49.4514, 81.8148,  
2.0261

■ 47.9885, 84.0864,  
6.2803

■ 47.5850, 84.3976,  
8.2146

# Harmonies

## Analogous

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



87.0658, 7.9748, -7.1386



87.0640, 12.4584, 0.8567



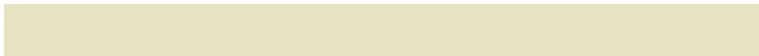
87.0658, 12.2255, 9.1715

# Triad

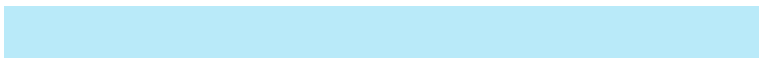
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.0658, 12.4554, 0.8581



87.0658, -9.3862, 18.8401



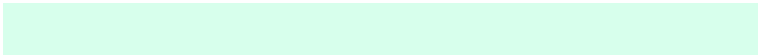
87.0658, -16.0416, -7.7721

# Complementary

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



87.0640, 12.4584, 0.8567



95.9293, -21.0132, 9.6940

# 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.



87.0658, -20.3312, 0.0609



87.0640, 12.4584, 0.8567



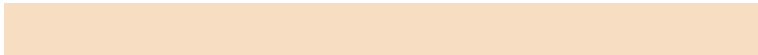
87.0658, -16.5946, 15.1485

# Square

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



87.0658, 12.4554, 0.8581



87.0658, -0.6248, 19.0076



87.0658, -20.5295, 8.4495



87.0658, -8.6039, -12.4459

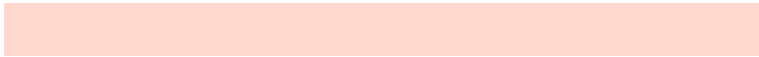


# Rectangle

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



87.0640, 12.4584, 0.8567



87.0658, 9.4270, 13.7794



87.0658, -20.5295, 8.4495



87.0658, -17.8864, -5.3880

# Sweetspot

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



87.0658, 12.4554, 0.8581



95.7651, 0.2723, 3.8786



85.7906, 9.7318, -12.3494



44.0336, 0.4929, 1.6964

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



87.0658, 12.4554, 0.8581



84.4728, 16.2880, 0.0181



86.6664, 8.9400, 9.5753



42.5802, 2.4874, 1.1803



34.4402, 61.1649, 5.3177



10.8480, 19.4548, 0.2094



# Inverse Universe

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



87.0658, 12.4554, 0.8581



84.4728, 16.2880, 0.0181



96.3138, -17.2743, 0.8059



42.5802, 2.4874, 1.1803



34.4402, 61.1649, 5.3177



10.8480, 19.4548, 0.2094



# Previews

## White Background



This preview shows how the HunterLab color 87.0640, 12.4584, 0.8567 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

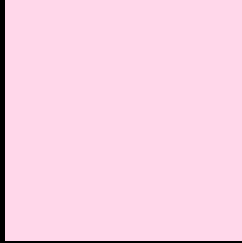
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 87.0640, 12.4584, 0.8567 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

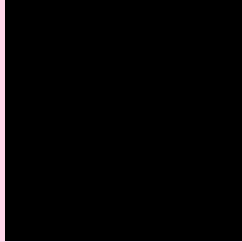
Any Text WCAG AA ✓ Pass

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 87.0640, 12.4584, 0.8567 Background



This preview shows how black text looks on a background with the HunterLab color 87.0640, 12.4584, 0.8567.



This preview shows how white text looks on a background with the HunterLab color 87.0640, 12.4584,

0.8567.

# 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

87.0640, 12.4584, 0.8567

### Protanopia

87.3559, -1.6280, -2.1525

### Deuteranopia

87.0513, 6.2628, 1.2443



## Tritanopia

86.9983, 12.1114, 1.7910

# Trichromacy



## Original Color

87.0640, 12.4584, 0.8567

## Protanomaly

87.1151, 3.7122, -1.3075

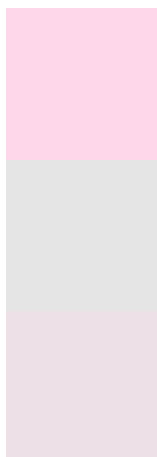
## Deuteranomaly

87.1679, 8.1874, 1.4201

## Tritanomaly

87.0311, 12.2845, 1.3250

# Monochromacy



## Original Color

87.0640, 12.4584, 0.8567

## Achromatopsia

88.5177, -4.7231, 4.8093

## Achromatomaly

87.8965, 1.2108, 3.1863

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.0640, 12.4584, 0.8567 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, 215, 234)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 234)  
}
```

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, 215, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 234) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.0640, 12.4584, 0.8567 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, 215, 234) }
```



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

```
.border{ border-color:rgb(255, 215, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 215, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 234);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
234) }
```

# Background

The CSS property to change the background color of an element to HunterLab 87.0640, 12.4584, 0.8567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 215, 234) }
```

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

```
.background{ background-color: rgb(255,  
215, 234) }
```

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