

# Converting Colors

HunterLab(84.6174, 3.4040,  
4.7571)

Have a look what the booklet for  
HunterLab(84.6174, 3.4040, 4.7571)  
contains.

<b>HunterLab(84.6174, 3.4040, 4.7571)</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(84.6174, 3.4040,  
4.7571)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ECD7DC
RGB	236, 215, 220
RGB Percent	93%, 84%, 86%
CMY	0.0745, 0.1568, 0.1372
CMYK	0.00, 0.09, 0.07, 0.07
HSL	346°, 36%, 88%
HSV	346°, 9%, 93%
XYZ	71.8108, 71.6010, 77.7457
YIQ	221.8490, 10.9110, 6.0070

# Conversions

## Conversions Part 2

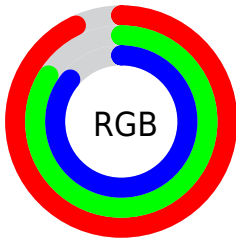
Format	Color
R <sub>YB</sub>	236, 215, 220
Decimal	15521756
CIE Lab	87.78, 8.08, 0.17
CIE LCh	88, 8.082, 1.181
Yxy	71.6042, 0.3247, 0.3238
Android (android.graphics.Color)	4293711836 (0xFFECD7DC)
YUV	221.8490, -0.9116, 12.4104
Hunter-Lab	84.6174, 3.4040, 4.7571

# Details

The HunterLab color  $84.6174, 3.4040, 4.7571$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $89.5597, -12.3377, 4.9183$ , and the grayscale version is  $85.4035, -4.5569, 4.6401$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $61.2875, 3.9601, 3.3972$  is the 20% darker color. If you saturate the color by 10%, you get  $77.1601, 12.9665, 4.8286$ , and if you desaturate by 10%, it is  $92.4704, -5.9008, 5.0192$ .

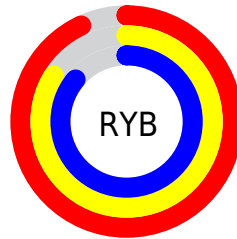
# Distribution



Red (93%)

Green (84%)

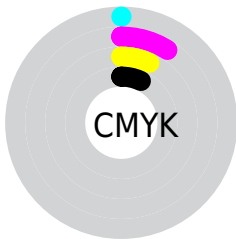
Blue (86%)



Red (93%)

Yellow (84%)

Blue (86%)

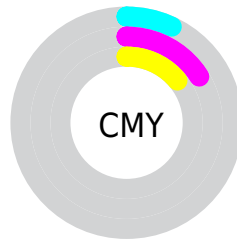


Cyan (0%)

Magenta (9%)

Yellow (7%)

Black (7%)



Cyan (7%)

Magenta (16%)

Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.6174, 3.4040, 4.7571 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 84.6174, 3.4040, 4.7571 by changing the saturation by 10% instead.



84.6174, 3.4040,  
4.7571

84.6174, 3.4040,  
4.7571

215.9080, -0.7977,  
11.9609

72.6880, 3.6621,  
4.1015

110.2241, 2.7387,  
6.1663

61.3770, 3.8695,  
3.4779

123.8479, 2.3427,  
6.9145

50.7225, 4.0187,  
2.8895

137.9909, 1.9070,  
7.6907

40.7677, 4.1026,  
2.3385

152.6346, 1.4340,  
8.4940

31.5658, 4.1120,  
1.8279

167.7626, 0.9254,  
9.3234

23.1842, 4.0342,  
1.3609

183.3598, 0.3830,

15.7130, 3.8502,

10.1781

0.9421

199.4125, -0.1918,  
11.0575

■ 9.2792, 3.5343,  
0.5795

0.0000, NaN, NaN

■ 84.6174, 3.4040,  
4.7571

■ 84.6174, 3.4040,  
4.7571

■ 77.1601, 12.9665,  
4.8286

■ 92.4704, -5.9008,  
5.0192

■ 70.1631, 22.7720,  
5.2978

■ 98.2716, -11.4015,  
3.2754

■ 63.7156, 32.7313,  
6.2423

■ 57.9242, 42.6433,  
7.7347

■ 52.9124, 52.1338,  
9.8214

■ 48.8093, 60.6170,  
12.4830

■ 45.7250, 67.3489,  
15.5898

■ 43.7087, 71.6527,  
18.8816

■ 42.6574, 73.4309,  
21.9809

# Harmonies

## Analogous

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



84.6193, 2.4067, 0.9595



84.6174, 3.4040, 4.7571



84.6193, 2.2412, 8.3497

# Triad

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



84.6193, 3.4017, 4.7585



84.6193, -8.5109, 10.6975



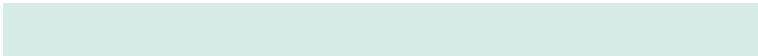
84.6193, -8.2381, -2.1396

# Complementary

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



84.6174, 3.4040, 4.7571



89.5597, -12.3377, 4.9183

# 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.



84.6193, -11.0746, 0.6832



84.6174, 3.4040, 4.7571



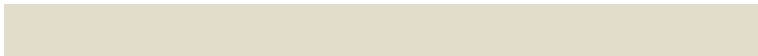
84.6193, -11.2301, 8.0972

# Square

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



84.6193, 3.4017, 4.7585



84.6193, -4.6800, 11.6777



84.6193, -12.1598, 4.4533



84.6193, -4.3591, -3.1340



# Rectangle

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



84.6174, 3.4040, 4.7571



84.6193, 0.4138, 10.1729



84.6193, -12.1598, 4.4533



84.6193, -9.3425, -1.3668

# Sweetspot

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



84.6193, 3.4017, 4.7585



97.3889, -2.2964, 5.3237



84.6213, 4.4590, -3.3808



44.7364, -0.6846, 2.4517

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



84.6193, 3.4017, 4.7585



90.6034, 5.9352, 5.1792



86.0580, -0.1838, 8.7298



38.8752, 1.8178, 2.1949



31.6304, 54.7213, 16.1499



8.9458, 15.6374, 3.3199



# Inverse Universe

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



84.6193, 3.4017, 4.7585



90.6034, 5.9352, 5.1792



88.0439, -8.7671, 0.6582



38.8752, 1.8178, 2.1949



31.6304, 54.7213, 16.1499

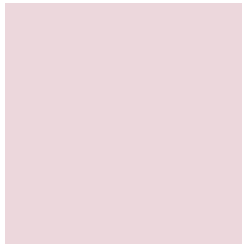


8.9458, 15.6374, 3.3199



# Previews

## White Background



This preview shows how the HunterLab color 84.6174, 3.4040, 4.7571 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

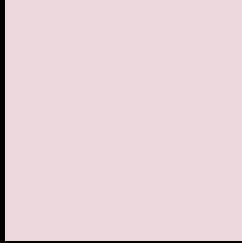
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 84.6174, 3.4040, 4.7571 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

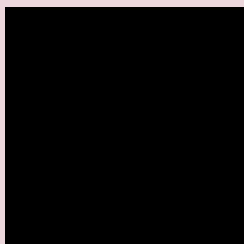
Any Text WCAG AA ✓ Pass

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 84.6174, 3.4040, 4.7571 Background



This preview shows how black text looks on a background with the HunterLab color 84.6174, 3.4040, 4.7571.



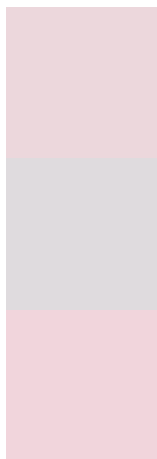
This preview shows how white text looks on a background with the HunterLab color 84.6174, 3.4040,

4.7571.

# 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

84.6174, 3.4040, 4.7571

### Protanopia

84.6315, -2.6844, 3.6883

### Deuteranopia

84.5320, 6.1927, 4.7053



## Tritanopia

84.4430, 6.5407, -0.4156

# Trichromacy



## Original Color

84.6174, 3.4040, 4.7571

## Protanomaly

84.7687, -0.6966, 4.3760

## Deuteranomaly

84.6234, 4.9663, 4.7915

## Tritanomaly

84.6101, 5.3040, 1.8096

# Monochromacy



## Original Color

84.6174, 3.4040, 4.7571

## Achromatopsia

85.4670, -4.5603, 4.6436

## Achromatomaly

84.9790, -1.5485, 4.6092

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 84.6174, 3.4040, 4.7571 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(236, 215, 220)` looks like.

```
.text, #text, p{  
    color:rgb(236, 215, 220)  
}
```

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(236, 215, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 215, 220) }
```

## Border

The CSS property to change the border of an element to HunterLab 84.6174, 3.4040, 4.7571 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(236, 215, 220) }
```



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

```
.border{ border-color:rgb(236, 215, 220) }
```

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

Here you see how a box with a 4 pixel rgb(236, 215, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 215, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 215, 220);  
box-shadow:4px 4px 4px 4px rgb(236, 215,  
220) }
```

# Background

The CSS property to change the background color of an element to HunterLab 84.6174, 3.4040, 4.7571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 215, 220) }
```

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

```
.background{ background-color: rgb(236,  
215, 220) }
```

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