

# Converting Colors

HunterLab(104.1935, 60.3829,  
32.6432)

Have a look what the booklet for  
HunterLab(104.1935, 60.3829,  
32.6432) contains.

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# Color

**HunterLab(86.7441, 6.5478,  
14.5195)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFD9CC
RGB	255, 217, 204
RGB Percent	100%, 85%, 80%
CMY	0.0000, 0.1490, 0.2000
CMYK	0.00, 0.15, 0.20, 0.00
HSL	15°, 100%, 90%
HSV	15°, 20%, 100%
XYZ	76.9520, 75.2454, 67.5948
YIQ	226.8800, 26.8210, 4.0130

# Conversions

## Conversions Part 2

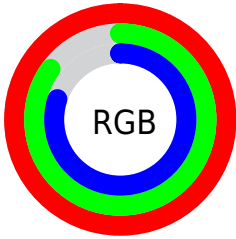
Format	Color
R <sub>Y</sub> B	255, 221, 204
Decimal	16767436
CIE Lab	89.51, 11.23, 11.30
CIE LCh	90, 15.932, 45.161
Yxy	75.2487, 0.3501, 0.3424
Android (android.graphics.Color)	4294957516 (0xFFFFD9CC)
YUV	226.8800, -11.2798, 24.6612
Hunter-Lab	86.7441, 6.5478, 14.5195

# Details

The HunterLab color **86.7441, 6.5478, 14.5195** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91.4107, -14.0941, -5.2835**, and the grayscale version is **87.6328, -4.6759, 4.7613**.

A 20% lighter version of the original color is **100.0000, -5.3358, 5.4332**, and **63.2838, 6.9130, 12.0830** is the 20% darker color. If you saturate the color by 10%, you get **80.5523, 13.0919, 18.6686**, and if you desaturate by 10%, it is **93.2407, 0.4134, 10.0908**.

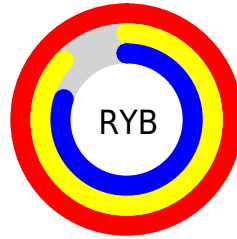
# Distribution



Red (100%)

Green (85%)

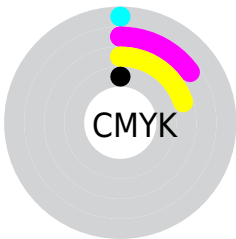
Blue (80%)



Red (100%)

Yellow (87%)

Blue (80%)

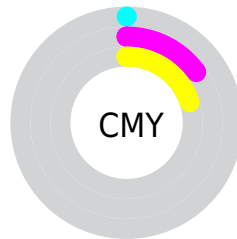


Cyan (0%)

Magenta (15%)

Yellow (20%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 86.7441, 6.5478, 14.5195 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 86.7441, 6.5478, 14.5195 by changing the saturation by 10% instead.



 86.7441, 6.5478,  
14.5195

 86.7441, 6.5478,  
14.5195


218.8086, 3.3582,  
25.6423

 74.7105, 6.6720,  
13.3280


112.5452, 6.1327,  
16.9219

 63.2898, 6.7403,  
12.1364


126.2603, 5.8555,  
18.1343

 52.5187, 6.7434,  
10.9414


140.4913, 5.5349,  
19.3565

 42.4393, 6.6735,  
9.7364

155.2200, 5.1734,  
20.5895

 33.1026, 6.5199,  
8.5115

170.4303, 4.7731,  
21.8341

 24.5733, 6.2683,  
7.2506


186.1073, 4.3361,

 16.9366, 5.8982,

23.0908

5.9265


202.2375, 3.8640,  
24.3600


 10.3125, 5.3784,  
5.1696

0.0000, INF, NaN

 86.7441, 6.5478,  
14.5195

 86.7441, 6.5478,  
14.5195

 80.5523, 13.0919,  
18.6686

 93.2407, 0.4134,  
10.0908

 74.7025, 20.0759,  
22.4631

100.0000, -5.3358,  
5.4332

 69.2473, 27.4918,  
25.8125

 64.2448, 35.2890,  
28.6038

■ 59.7599, 43.3455,  
30.7078

■ 55.8603, 51.4407,  
31.9970

■ 52.6087, 59.2382,  
32.3855

■ 50.0436, 66.2701,  
31.9968

■ 50.0435, 66.2705,  
31.9967

# Harmonies

## Analogous

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



86.7460, 10.8064, 8.4826



86.7441, 6.5478, 14.5195



86.7460, -0.6364, 17.7748

# Triad

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



86.7460, 6.5447, 14.5208



86.7460, -19.0842, 8.4061



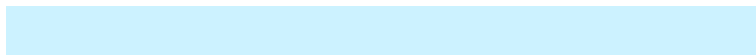
86.7460, -0.5507, -10.7142

# Complementary

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



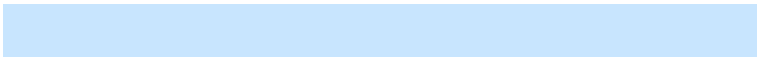
86.7441, 6.5478, 14.5195



91.4107, -14.0941, -5.2835

# 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.



86.7460, -8.5589, -10.7394



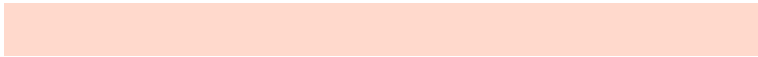
86.7441, 6.5478, 14.5195



86.7460, -19.0632, 0.7848

# Square

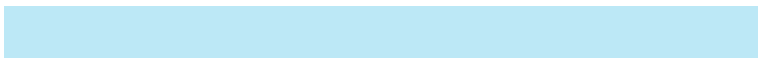
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.7460, 6.5447, 14.5208



86.7460, -15.3309, 14.4692



86.7460, -15.2723, -6.3731



86.7460, 6.6095, -6.3069

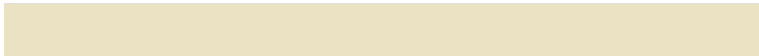


# Rectangle

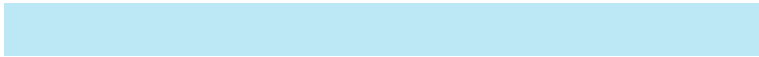
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.7441, 6.5478, 14.5195



86.7460, -6.0203, 18.1349



86.7460, -15.2723, -6.3731



86.7460, -3.2373, -11.2477

# Sweetspot

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



86.7460, 6.5447, 14.5208



95.9142, -1.9297, 8.2527



84.1858, 19.9631, -7.0769



44.1710, -0.7176, 3.9581

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



86.7460, 6.5447, 14.5208



84.2297, 9.1125, 16.2176



94.4845, -6.7193, 22.2549



43.2894, 0.0556, 4.5641



36.4502, 47.0700, 23.2845

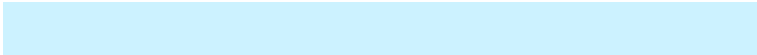


12.0824, 12.6464, 7.6665

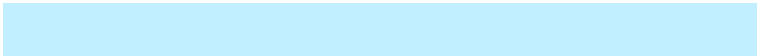


# Inverse Universe

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



91.4107, -14.0941, -5.2835



89.7924, -15.5398, -7.4119



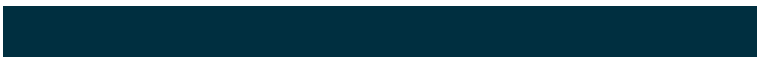
83.3998, -1.0493, -15.8857



44.3295, -4.5340, 0.1522



48.2308, -13.4334, -31.2854

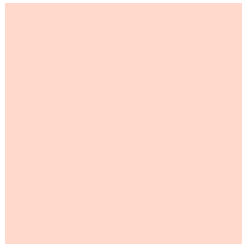


15.6207, -4.9998, -8.7314



# Previews

## White Background



This preview shows how the HunterLab color 86.7441, 6.5478, 14.5195 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

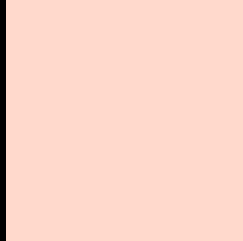
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 86.7441, 6.5478, 14.5195 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

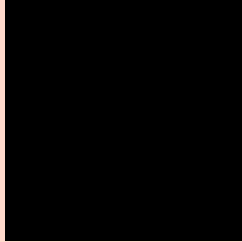
Any Text WCAG AA ✓ Pass

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 86.7441, 6.5478, 14.5195 Background



This preview shows how black text looks on a background with the HunterLab color 86.7441, 6.5478, 14.5195.



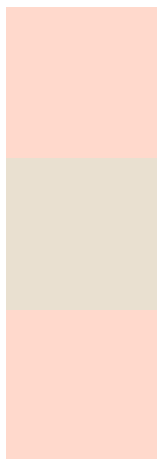
This preview shows how white text looks on a background with the HunterLab color 86.7441, 6.5478,



# 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

86.7441, 6.5478, 14.5195

### Protanopia

86.7116, -4.2604, 12.5536

### Deuteranopia

86.7441, 6.5478, 14.5195



## Tritanopia

86.6085, 12.1392, 2.8336

# Trichromacy



## Original Color

86.7441, 6.5478, 14.5195

## Protanomaly

86.5556, -0.1137, 12.8970

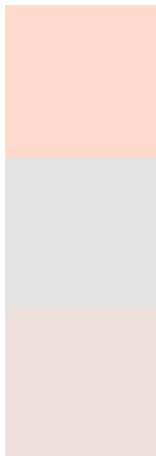
## Deuteranomaly

86.7441, 6.5478, 14.5195

## Tritanomaly

86.6188, 10.1011, 7.2038

# Monochromacy



## Original Color

86.7441, 6.5478, 14.5195

## Achromatopsia

87.6442, -4.6765, 4.7619

## Achromatomaly

87.1174, -0.6297, 8.0595

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 86.7441, 6.5478, 14.5195 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, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 204)  
}
```

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, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 204) }
```

## Border

The CSS property to change the border of an element to HunterLab 86.7441, 6.5478, 14.5195 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, 204) }
```



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

```
.border{ border-color:rgb(255, 217, 204) }
```

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, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
204) }
```

# Background

The CSS property to change the background color of an element to HunterLab 86.7441, 6.5478, 14.5195 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, 204) }
```

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

```
.background{ background-color: rgb(255,  
217, 204) }
```

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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