

# Converting Colors

HunterLab(108.1706, 7.8322,  
26.3863)

Have a look what the booklet for  
HunterLab(108.1706, 7.8322,  
26.3863) contains.

|   |    |
|---|----|
| <b>HunterLab(99.1874, -9.8058, 17.0725)</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(99.1874, -9.8058,  
17.0725)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | FFFFE4                    |
| RGB           | 255, 255, 228             |
| RGB Percent   | 100%, 100%, 89%           |
| CMY           | 0.0000, 0.0000, 0.1059    |
| CMYK          | 0.00, 0.00, 0.11, 0.00    |
| HSL           | 60°, 100%, 95%            |
| HSV           | 60°, 11%, 100%            |
| XYZ           | 91.0036, 98.3814, 87.5919 |
| YIQ           | 251.9220, 8.6670, -8.3970 |

# Conversions

## Conversions Part 2

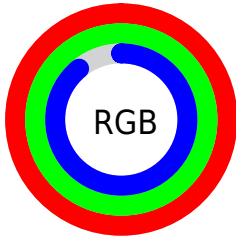
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 228, 255, 228                 |
| Decimal                             | 16777188                      |
| CIE Lab                             | 99.37, -4.48, 12.91           |
| CIE LCh                             | 99, 13.662, 109.145           |
| Yxy                                 | 98.3815, 0.3286,<br>0.3552    |
| Android<br>(android.graphics.Color) | 4294967268<br>(0xFFFFFFFFE4)  |
| YUV                                 | 251.9220, -11.7935,<br>2.6994 |
| Hunter-Lab                          | 99.1874, -9.8058,<br>17.0725  |

# Details

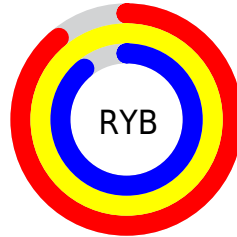
The HunterLab color 99.1874, -9.8058, 17.0725 is a light color, and the websafe version is hex FFFFC0. A complement of this color would be 88.9956, 0.2814, -8.1853, and the grayscale version is 98.6768, -5.2651, 5.3613.

A 20% lighter version of the original color is 100.0000, -5.3358, 5.4332, and 74.4386, -7.9107, 14.2407 is the 20% darker color. If you saturate the color by 10%, you get 98.5231, -13.4878, 26.6594, and if you desaturate by 10%, it is 99.9519, -5.5992, 6.1191.

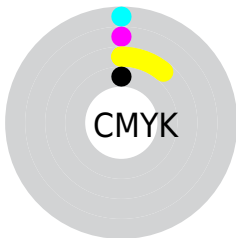
# Distribution



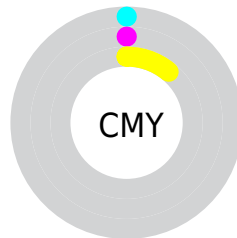
- Red (100%)
- Green (100%)
- Blue (89%)



- Red (89%)
- Yellow (100%)
- Blue (89%)



- Cyan (0%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)



- Cyan (0%)
- Magenta (0%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 99.1874, -9.8058, 17.0725 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 99.1874, -9.8058, 17.0725 by changing the saturation by 10% instead.



99.1874, -9.8058,  
17.0725

99.1874, -9.8058,  
17.0725

235.5706,  
-18.6202, 28.8533

86.5752, -8.9284,  
15.7978

126.0667,  
-11.6228, 19.6304

74.5480, -8.0724,  
14.5238

140.2907,  
-12.5625, 20.9192

63.1360, -7.2375,  
13.2456

155.0126,  
-13.5227, 22.2162

52.3742, -6.4234,  
11.9576

170.2163,  
-14.5031, 23.5223

42.3047, -5.6293,  
10.6515

185.8870,  
-15.5033, 24.8386

32.9787, -4.8538,  
9.3151

202.0110,

24.4612, -4.0941,

-16.5231, 26.1655

7.9290

218.5760,  
-17.5621, 27.5036

■ 16.8376, -3.3446,  
6.4603

■ 10.2285, -2.5932,  
5.8428

■ 99.1874, -9.8058,  
17.0725

■ 99.1874, -9.8058,  
17.0725

■ 98.5231, -13.4878,  
26.6594

99.9519, -5.5992,  
6.1191

■ 97.9563, -16.6497,  
34.8920

100.0000, -5.3358,  
5.4332

■ 97.4837, -19.3006,  
41.7938

■ 97.1012, -21.4558,  
47.4049

■ 96.8038, -23.1373,  
51.7824

■ 96.5857, -24.3742,  
55.0025

■ 96.4396, -25.2043,  
57.1637

■ 96.3566, -25.6766,  
58.3932

■ 96.3224, -25.8715,  
58.9005

# Harmonies

## Analogous

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



99.1875, -2.6722, 17.5022



99.1874, -9.8058, 17.0725



99.1875, -15.5716, 13.6476

# Triad

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



99.1875, -9.8055, 17.0717



99.1875, -14.2083, -5.1076



99.1875, 8.6944, 2.8821

# Complementary

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



99.1874, -9.8058, 17.0725



88.9956, 0.2814, -8.1853

# 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.



99.1875, 5.4122, -3.6251



99.1874, -9.8058, 17.0725



99.1875, -7.8961, -8.4522

# Square

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



99.1875, -9.8055, 17.0717



99.1875, -18.0629, 0.9738



99.1875, -0.7080, -7.8910

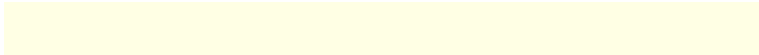


99.1875, 8.1476, 9.6293



# Rectangle

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



99.1874, -9.8058, 17.0725



99.1875, -17.9286, 9.9821



99.1875, -0.7080, -7.8910



99.1875, 7.9987, 0.5863

# Sweetspot

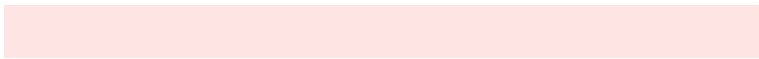
The Sweet Spot groups the original color and five complimentary colors.



99.1875, -9.8055, 17.0717



99.7582, -6.6619, 8.8864



90.7466, 4.4318, 8.0386



46.1235, -3.2424, 4.5286

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



99.1875, -9.8055, 17.0717



99.0181, -10.7418, 19.5096



97.9340, -14.2518, 15.6599



45.9247, -4.3374, 7.3799



69.6273, -18.7014, 42.5766



21.7262, -5.8355, 13.2854



# Inverse Universe

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



88.9956, 0.2814, -8.1853



86.5383, 1.6281, -11.4656



90.2756, 4.6305, -6.4267



41.6867, -0.1455, -3.1164



19.4232, 52.6854, -138.0100



6.0607, 16.4397, -43.0641



# Previews

## White Background



This preview shows how the HunterLab color 99.1874, -9.8058, 17.0725 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

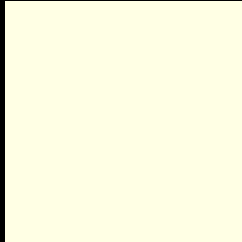
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 99.1874, -9.8058, 17.0725 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

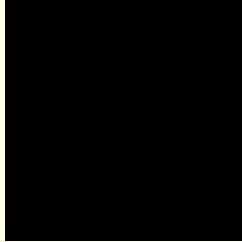
Any Text WCAG AA ✓ Pass

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 99.1874, -9.8058, 17.0725 Background



This preview shows how black text looks on a background with the HunterLab color 99.1874, -9.8058, 17.0725.



This preview shows how white text looks on a background with the HunterLab color 99.1874, -9.8058,



# 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

99.1874, -9.8058, 17.0725



### Protanopia

99.1716, -5.3233, 7.4348

### Deuteranopia

99.2667, -4.8025, 6.0769

## **Tritanopia**

99.2680, -4.6049, 4.5813

# Trichromacy



**Original Color**

99.1874, -9.8058, 17.0725

**Protanomaly**

99.2444, -7.2020, 11.3116

**Deuteranomaly**

99.3049, -6.8693, 10.4447

**Tritanomaly**

99.2709, -6.8660, 9.4555

# Monochromacy



**Original Color**

99.1874, -9.8058, 17.0725



**Achromatopsia**

98.6633, -5.2644, 5.3606



**Achromatomaly**

98.7949, -7.0094, 9.8666

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 99.1874, -9.8058, 17.0725 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, 255, 228)` looks like.

```
.text, #text, p{  
    color:rgb(255, 255, 228)  
}
```

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, 255, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 255, 228) }
```

## Border

The CSS property to change the border of an element to HunterLab 99.1874, -9.8058, 17.0725 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, 255, 228) }
```



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

```
.border{ border-color:rgb(255, 255, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 255, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 255, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 255, 228);  
box-shadow:4px 4px 4px 4px rgb(255, 255,  
228) }
```

# Background

The CSS property to change the background color of an element to HunterLab 99.1874, -9.8058, 17.0725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 255, 228) }
```

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

```
.background{ background-color: rgb(255,  
255, 228) }
```

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