

# Converting Colors

HunterLab(104.1610, -27.9253,  
20.0721)

Have a look what the booklet for  
HunterLab(104.1610, -27.9253,  
20.0721) contains.

<b>HunterLab(97.0408, -17.2247, 12.8499)</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(97.0408,  
-17.2247, 12.8499)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6FFE8
RGB	230, 255, 232
RGB Percent	90%, 100%, 91%
CMY	0.0980, 0.0000, 0.0902
CMYK	0.10, 0.00, 0.09, 0.00
HSL	125°, 100%, 95%
HSV	125°, 10%, 100%
XYZ	82.9586, 94.1692, 90.1480
YIQ	244.9030, -7.5170, -12.4530

# Conversions

## Conversions Part 2

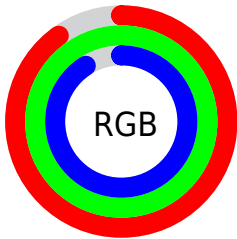
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	230, 253, 255
Decimal	15138792
CIE Lab	97.70, -12.25, 8.23
CIE LCh	98, 14.761, 146.095
Yxy	94.1695, 0.3104, 0.3523
Android (android.graphics.Color)	4293328872 (0xFFE6FFE8)
YUV	244.9030, -6.3612, -13.0699
Hunter-Lab	97.0408, -17.2247, 12.8499

# Details

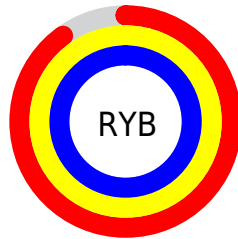
The HunterLab color  $97.0408, -17.2247, 12.8499$  is a light color, and the websafe version is hex  $CCFFFF$ . A complement of this color would be  $92.1663, 7.7200, -2.8525$ , and the grayscale version is  $95.5432, -5.0979, 5.1910$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $72.4717, -14.7917, 10.7943$  is the 20% darker color. If you saturate the color by 10%, you get  $94.3447, -28.4033, 19.9153$ , and if you desaturate by 10%, it is  $100.0000, -5.3358, 5.4332$ .

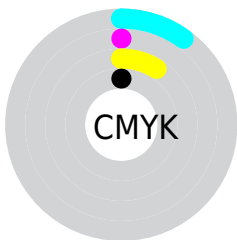
# Distribution



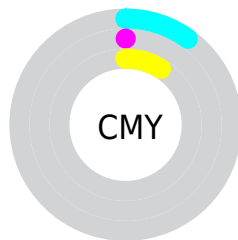
- Red (90%)
- Green (100%)
- Blue (91%)



- Red (90%)
- Yellow (99%)
- Blue (100%)



- Cyan (10%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)



- Cyan (10%)
- Magenta (0%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 97.0408, -17.2247, 12.8499 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 97.0408, -17.2247, 12.8499 by changing the saturation by 10% instead.



97.0408, -17.2247,  
12.8499

97.0408, -17.2247,  
12.8499

232.7022,  
-28.7256, 22.9868

84.5245, -15.9858,  
11.7979

123.7404,  
-19.7154, 14.9935

72.5979, -14.7495,  
10.7588

137.8794,  
-20.9721, 16.0880

61.2919, -13.5116,  
9.7301

152.5193,  
-22.2378, 17.1979

50.6427, -12.2670,  
8.7092

167.6436,  
-23.5133, 18.3236

40.6935, -11.0089,  
7.6918

183.2372,  
-24.7994, 19.4653

31.4976, -9.7264,  
6.6714

199.2864,

23.1227, -8.4025,

-26.0965, 20.6230

5.6372

215.7786,  
-27.4051, 21.7969

■ 15.6590, -7.0073,  
4.5698

■ 9.2329, -6.2751,  
4.1993

■ 97.0408, -17.2247,  
12.8499

■ 97.0408, -17.2247,  
12.8499

■ 94.3447, -28.4033,  
19.9153

100.0000, -5.3358,  
5.4332

■ 91.9838, -38.4903,  
26.3913

■ 89.9647, -47.3599,  
32.1946

■ 88.2888, -54.9093,  
37.2527

■ 86.9512, -61.0703,  
41.5106

■ 85.9403, -65.8200,  
44.9370

■ 85.2359, -69.1911,  
47.5303

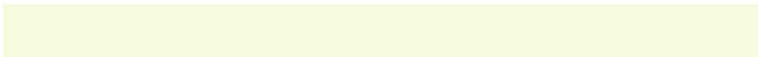
■ 84.8080, -71.2814,  
49.3219

■ 84.6031, -72.3109,  
50.3734

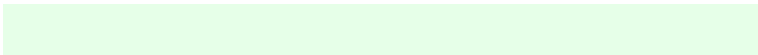
# Harmonies

## Analogous

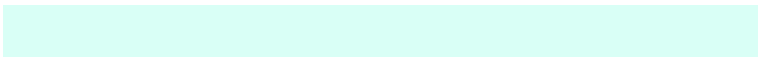
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97.0410, -11.6403, 17.1512



97.0408, -17.2247, 12.8499



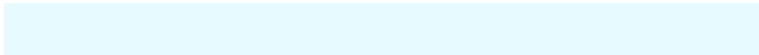
97.0410, -19.5835, 6.2410

# Triad

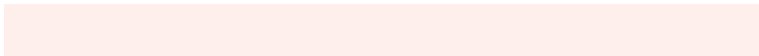
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



97.0410, -17.2239, 12.8492



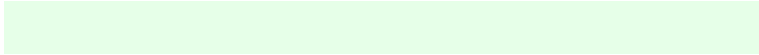
97.0410, -6.1941, -9.9237



97.0410, 8.5416, 11.3030

# Complementary

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



97.0408, -17.2247, 12.8499



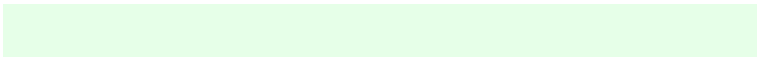
92.1663, 7.7200, -2.8525

# 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.



97.0410, 10.1093, 4.3135



97.0408, -17.2247, 12.8499



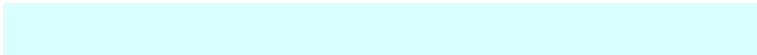
97.0410, 1.4476, -8.3056

# Square

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



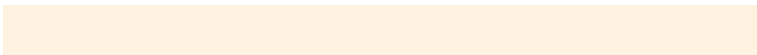
97.0410, -17.2239, 12.8492



97.0410, -13.3428, -7.2124



97.0410, 7.4751, -2.9480

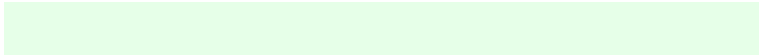


97.0410, 3.2555, 16.3088



# Rectangle

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



97.0408, -17.2247, 12.8499



97.0410, -19.0668, 1.2765



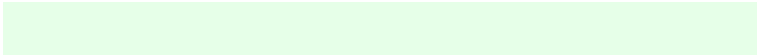
97.0410, 7.4751, -2.9480



97.0410, 9.5279, 9.1241

# Sweetspot

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



97.0410, -17.2239, 12.8492



99.0620, -9.0634, 7.7491



99.0851, -10.0538, 16.0831



45.7169, -4.6481, 3.8684

0.0000, NaN, NaN

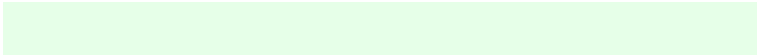


46.2646, -2.4686, 2.5136

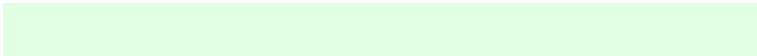


# Same Dimension

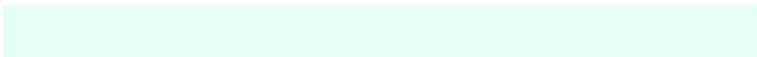
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97.0410, -17.2239, 12.8492



96.4204, -19.7664, 14.4476



97.4090, -15.1664, 7.5814



44.9352, -7.8069, 5.8432



61.1605, -52.2387, 36.3231



19.1045, -16.1732, 11.0343



# Inverse Universe

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



92.1663, 7.7200, -2.8525



90.4709, 10.6869, -4.7204



91.7580, 5.5347, 2.9492



42.7479, 3.3854, -1.2022



37.7375, 72.9270, -39.9573



11.8057, 22.8615, -12.8657



# Previews

## White Background



This preview shows how the HunterLab color 97.0408, -17.2247, 12.8499 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

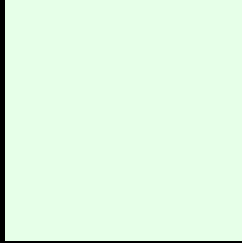
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 97.0408, -17.2247, 12.8499 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

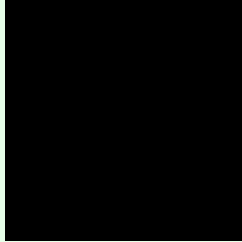
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

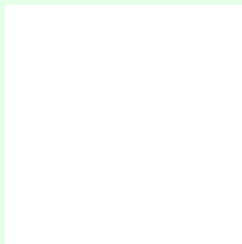
Any Text WCAG AAA ✓ Pass

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

# HunterLab 97.0408, -17.2247, 12.8499 Background



This preview shows how black text looks on a background with the HunterLab color 97.0408, -17.2247, 12.8499.



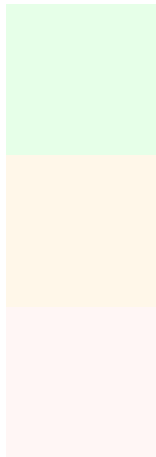
This preview shows how white text looks on a background with the HunterLab color 97.0408,

-17.2247,12.8499.

# 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

97.0408, -17.2247, 12.8499

### Protanopia

96.7805, -4.8312, 12.3235

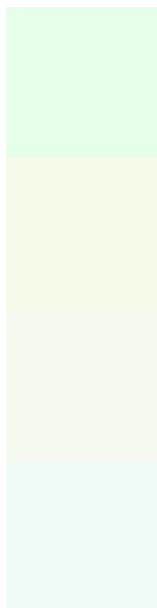
### Deuteranopia

96.8319, -2.3013, 6.7329

## **Tritanopia**

97.0590, -5.7442, 1.9141

# Trichromacy



## Original Color

97.0408, -17.2247, 12.8499

## Protanomaly

96.8748, -9.4109, 12.3474

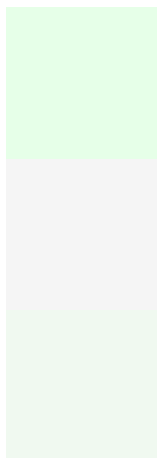
## Deuteranomaly

96.7654, -7.7284, 8.9797

## Tritanomaly

96.9848, -9.8170, 5.7950

# Monochromacy



## Original Color

97.0408, -17.2247, 12.8499

## Achromatopsia

95.5562, -5.0986, 5.1917

## Achromatomaly

96.2122, -9.6730, 8.3144

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 97.0408, -17.2247, 12.8499 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(230, 255, 232)` looks like.

```
.text, #text, p{  
    color:rgb(230, 255, 232)  
}
```

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(230, 255, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 255, 232) }
```

## Border

The CSS property to change the border of an element to HunterLab 97.0408, -17.2247, 12.8499 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(230, 255, 232) }
```



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

```
.border{ border-color:rgb(230, 255, 232) }
```

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

Here you see how a box with a 4 pixel rgb(230, 255, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 255, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 255, 232);  
box-shadow:4px 4px 4px 4px rgb(230, 255,  
232) }
```

# Background

The CSS property to change the background color of an element to HunterLab 97.0408, -17.2247, 12.8499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 255, 232) }
```

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

```
.background{ background-color: rgb(230,  
255, 232) }
```

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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