

# Converting Colors

HunterLab(100.0000, -20.1473,  
17.2821)

Have a look what the booklet for  
HunterLab(100.0000, -20.1473,  
17.2821) contains.

<b>HunterLab(97.3855, -16.1589, 14.5947)</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(97.3855,  
-16.1589, 14.5947)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EBFFE5
RGB	235, 255, 229
RGB Percent	92%, 100%, 90%
CMY	0.0784, 0.0000, 0.1020
CMYK	0.08, 0.00, 0.10, 0.00
HSL	106°, 100%, 95%
HSV	106°, 10%, 100%
XYZ	84.1638, 94.8394, 87.9987
YIQ	246.0560, -3.5740, -12.3260

# Conversions

## Conversions Part 2

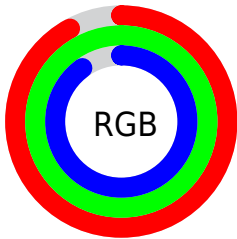
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	229, 255, 249
Decimal	15466469
CIE Lab	97.97, -11.11, 10.20
CIE LCh	98, 15.082, 137.434
Yxy	94.8397, 0.3152, 0.3552
Android (android.graphics.Color)	4293656549 (0xFFEBFFE5)
YUV	246.0560, -8.4086, -9.6961
Hunter-Lab	97.3855, -16.1589, 14.5947

# Details

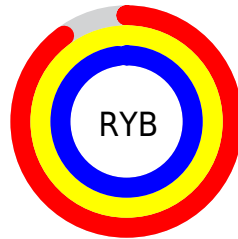
The HunterLab color  $97.3855, -16.1589, 14.5947$  is a light color, and the websafe version is hex  $FFFCC$ . A complement of this color would be  $91.3234, 6.5923, -5.0339$ , and the grayscale version is  $96.0614, -5.1256, 5.2192$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $72.8202, -13.6378, 12.0287$  is the 20% darker color. If you saturate the color by 10%, you get  $95.0586, -26.0117, 22.6832$ , and if you desaturate by 10%, it is  $99.9477, -5.5499, 5.6169$ .

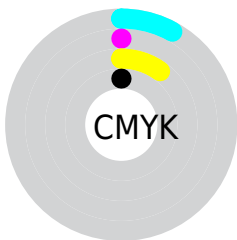
# Distribution



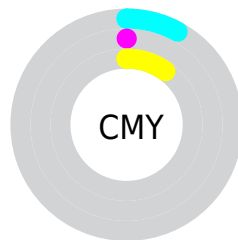
- Red (92%)
- Green (100%)
- Blue (90%)



- Red (90%)
- Yellow (100%)
- Blue (98%)



- Cyan (8%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)



- Cyan (8%)
- Magenta (0%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 97.3855, -16.1589, 14.5947 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 97.3855, -16.1589, 14.5947 by changing the saturation by 10% instead.



97.3855, -16.1589,  
14.5947

97.3855, -16.1589,  
14.5947

233.1634,  
-27.2590, 25.4159

84.8537, -14.9741,  
13.4498

124.1141,  
-18.5487, 16.9110

72.9109, -13.7950,  
12.3126

138.2668,  
-19.7581, 18.0864

61.5877, -12.6178,  
11.1796

152.9200,  
-20.9782, 19.2742

50.9203, -11.4383,  
10.0467

168.0571,  
-22.2097, 20.4750

40.9516, -10.2506,  
8.9080

183.6632,  
-23.4532, 21.6893

31.7346, -9.0454,  
7.7543

199.7244,

23.3366, -7.8081,

-24.7091, 22.9174

6.5709

216.2283,  
-25.9776, 24.1595

■ 15.8469, -6.5130,  
5.3316

■ 9.3928, -5.6549,  
5.0137

■ 97.3855, -16.1589,  
14.5947

■ 97.3855, -16.1589,  
14.5947

■ 95.0586, -26.0117,  
22.6832

99.9477, -5.5499,  
5.6169

■ 92.9728, -35.0254,  
29.8154

100.0000, -5.3358,  
5.4332

■ 91.1327, -43.1203,  
35.9338

■ 89.5401, -50.2295,  
40.9990

■ 88.1938, -56.3035,  
44.9950

■ 87.0891, -61.3161,  
47.9353

■ 86.2173, -65.2702,  
49.8696

■ 85.5647, -68.2041,  
50.8932

■ 85.1147, -70.1926,  
51.2184

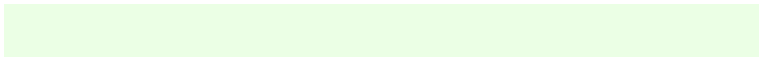
# Harmonies

## Analogous

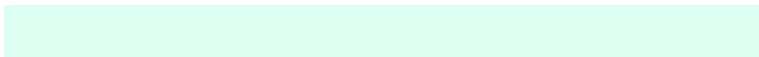
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97.3857, -9.7191, 18.1260



97.3855, -16.1589, 14.5947



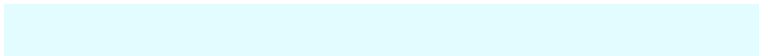
97.3857, -19.6145, 8.3984

# Triad

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



97.3857, -16.1581, 14.5940



97.3857, -8.4905, -9.9140



97.3857, 9.7472, 9.5392

# Complementary

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



97.3855, -16.1589, 14.5947



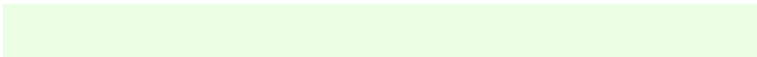
91.3234, 6.5923, -5.0339

# 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.



97.3857, 10.1018, 2.0984



97.3855, -16.1589, 14.5947



97.3857, -0.6000, -9.5469

# Square

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



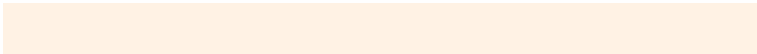
97.3857, -16.1581, 14.5940



97.3857, -15.2835, -5.9751



97.3857, 6.2621, -5.0090



97.3857, 5.3081, 15.3716



# Rectangle

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



97.3855, -16.1589, 14.5947



97.3857, -19.8371, 3.4093



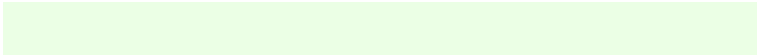
97.3857, 6.2621, -5.0090



97.3857, 10.3530, 7.1554

# Sweetspot

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



97.3857, -16.1581, 14.5940



99.2058, -8.5962, 8.2200



97.2768, -6.4846, 14.6458



45.8006, -4.3753, 4.1417

0.0000, NaN, NaN

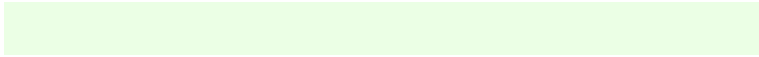


46.2646, -2.4686, 2.5136

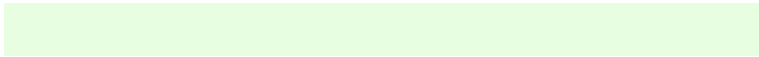


# Same Dimension

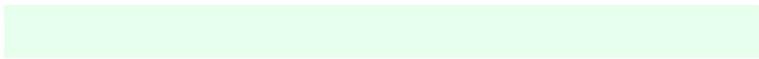
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97.3857, -16.1581, 14.5940



96.9481, -17.9947, 16.1217



97.0725, -16.8776, 11.0808



45.1335, -7.1472, 6.4778



61.5704, -50.5491, 37.0545



19.3334, -15.2604, 11.6460



# Inverse Universe

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



91.3234, 6.5923, -5.0339



89.8286, 8.7300, -6.9396



91.6958, 7.3603, -0.8260



42.5167, 2.6723, -1.9935



31.6013, 66.0559, -72.1197



10.1057, 20.9411, -21.6456



# Previews

## White Background



This preview shows how the HunterLab color 97.3855, -16.1589, 14.5947 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

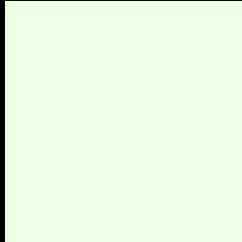
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 97.3855, -16.1589, 14.5947 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

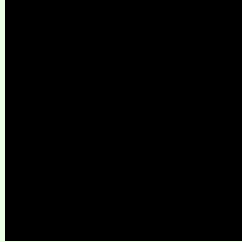
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

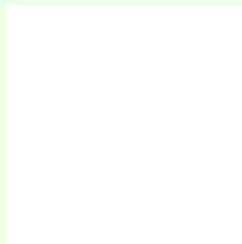
Any Text WCAG AAA ✓ Pass

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

## HunterLab 97.3855, -16.1589, 14.5947 Background



This preview shows how black text looks on a background with the HunterLab color 97.3855, -16.1589, 14.5947.



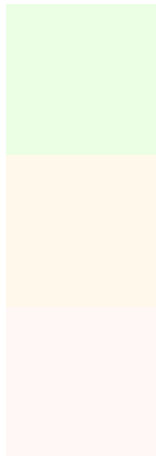
This preview shows how white text looks on a background with the HunterLab color 97.3855,

-16.1589,14.5947.

# 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

97.3855, -16.1589, 14.5947

### Protanopia

97.1560, -5.0328, 11.8146

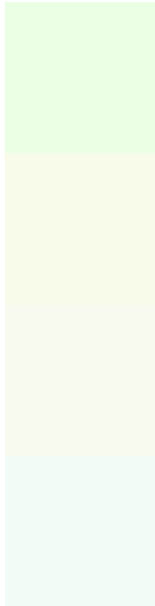
### Deuteranopia

97.1779, -2.6604, 6.6385

## **Tritanopia**

97.3373, -4.7759, 2.2678

# Trichromacy



## Original Color

97.3855, -16.1589, 14.5947

## Protanomaly

97.3828, -9.2711, 12.9089

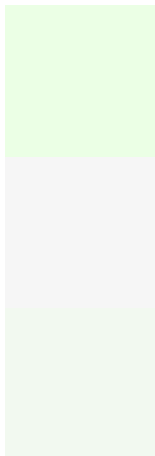
## Deuteranomaly

97.2723, -7.5944, 9.5576

## Tritanomaly

97.3154, -8.7164, 6.6924

# Monochromacy



## Original Color

97.3855, -16.1589, 14.5947

## Achromatopsia

95.9991, -5.1223, 5.2158

## Achromatomaly

96.3950, -9.0294, 8.5346

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 97.3855, -16.1589, 14.5947 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(235, 255, 229)` looks like.

```
.text, #text, p{  
    color:rgb(235, 255, 229)  
}
```

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(235, 255, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 255, 229) }
```

## Border

The CSS property to change the border of an element to HunterLab 97.3855, -16.1589, 14.5947 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(235, 255, 229) }
```



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

```
.border{ border-color:rgb(235, 255, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 255, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 255, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 255, 229);  
box-shadow:4px 4px 4px 4px rgb(235, 255,  
229) }
```

# Background

The CSS property to change the background color of an element to HunterLab 97.3855, -16.1589, 14.5947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 255, 229) }
```

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

```
.background{ background-color: rgb(235,  
255, 229) }
```

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