

# Converting Colors

HunterLab(101.6826, -26.8827,  
20.0579)

Have a look what the booklet for  
HunterLab(101.6826, -26.8827,  
20.0579) contains.

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# Color

**HunterLab(96.5297,  
-19.4185, 14.9474)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2FFE2
RGB	226, 255, 226
RGB Percent	89%, 100%, 89%
CMY	0.1137, 0.0000, 0.1137
CMYK	0.11, 0.00, 0.11, 0.00
HSL	120°, 100%, 94%
HSV	120°, 11%, 100%
XYZ	80.8516, 93.1798, 85.6758
YIQ	243.0230, -7.9750, -15.1670

# Conversions

## Conversions Part 2

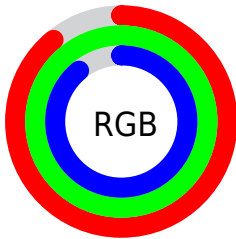
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	226, 255, 255
Decimal	14876642
CIE <sub>Lab</sub>	97.30, -14.61, 10.70
CIE <sub>LCh</sub>	97, 18.110, 143.771
Yxy	93.1801, 0.3113, 0.3588
Android (android.graphics.Color)	4293066722 (0xFFE2FFE2)
YUV	243.0230, -8.3923, -14.9292
Hunter-Lab	96.5297, -19.4185, 14.9474

# Details

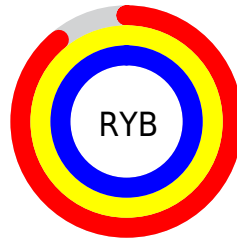
The HunterLab color  $96.5297, -19.4185, 14.9474$  is a light color, and the websafe version is hex  $CCFFCC$ . A complement of this color would be  $91.0349, 10.2709, -5.3415$ , and the grayscale version is  $94.7204, -5.0540, 5.1463$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $72.1016, -16.4080, 12.4593$  is the 20% darker color. If you saturate the color by 10%, you get  $93.8415, -30.6962, 22.5680$ , and if you desaturate by 10%, it is  $99.5586, -7.0987, 6.6241$ .

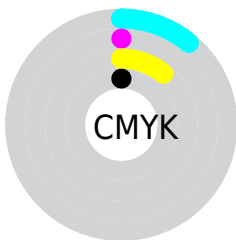
# Distribution



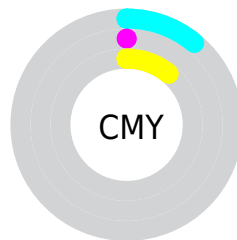
- Red (89%)
- Green (100%)
- Blue (89%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 96.5297, -19.4185, 14.9474 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 96.5297, -19.4185, 14.9474 by changing the saturation by 10% instead.



96.5297, -19.4185,  
14.9474

96.5297, -19.4185,  
14.9474

232.0177,  
-31.7533, 25.9359

84.0364, -18.0667,  
13.7792

123.1860,  
-22.1193, 17.3066

72.1340, -16.7112,  
12.6171

137.3047,  
-23.4746, 18.5019

60.8535, -15.3465,  
11.4572

151.9249,  
-24.8351, 19.7088

50.2313, -13.9662,  
10.2952

167.0302,  
-26.2022, 20.9279

40.3112, -12.5609,  
9.1244

182.6053,  
-27.5768, 22.1598

31.1467, -11.1167,  
7.9346

198.6365,

22.8063, -9.6113,

-28.9598, 23.4049

6.7094

215.1112,  
-30.3517, 24.6635

■ 15.3813, -8.0060,  
5.4196

■ 8.9901, -7.5611,  
5.4245

■ 96.5297, -19.4185,  
14.9474

■ 96.5297, -19.4185,  
14.9474

■ 93.8415, -30.6962,  
22.5680

■ 99.5586, -7.0987,  
6.6241

■ 91.5038, -40.7898,  
29.3898

100.0000, -5.3358,  
5.4332

■ 89.5226, -49.5690,  
35.3242

■ 87.8980, -56.9322,  
40.3022

■ 86.6234, -62.8187,  
44.2823

■ 85.6841, -67.2208,  
47.2590

■ 85.0563, -70.1948,  
49.2702

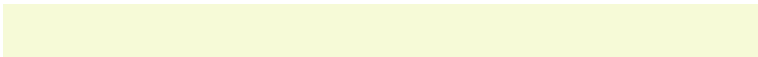
■ 84.7045, -71.8723,  
50.4047

■ 84.5695, -72.5183,  
50.8417

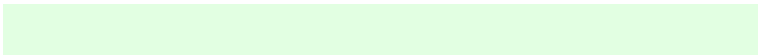
# Harmonies

## Analogous

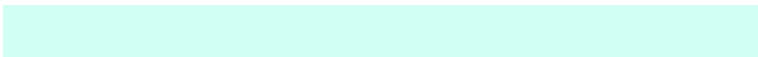
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.5298, -12.3907, 19.8082



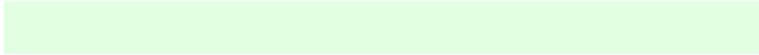
96.5297, -19.4185, 14.9474



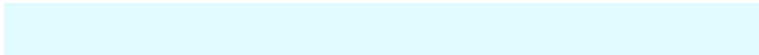
96.5298, -22.6084, 7.1160

# Triad

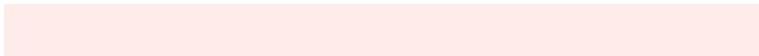
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



96.5298, -19.4177, 14.9467



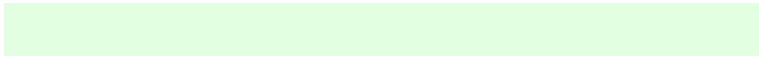
96.5298, -7.1246, -13.6119



96.5298, 12.0905, 11.9828

# Complementary

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



96.5297, -19.4185, 14.9474



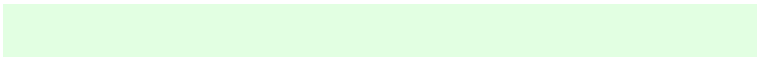
91.0349, 10.2709, -5.3415

# 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.



96.5298, 13.6323, 3.3549



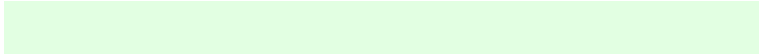
96.5297, -19.4185, 14.9474



96.5298, 2.2987, -11.9909

# Square

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



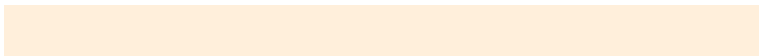
96.5298, -19.4177, 14.9467



96.5298, -15.6895, -9.7983



96.5298, 9.9855, -5.5604

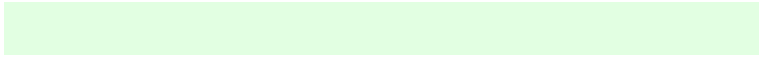


96.5298, 5.8500, 18.2159



# Rectangle

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



96.5297, -19.4185, 14.9474



96.5298, -22.2220, 1.0368



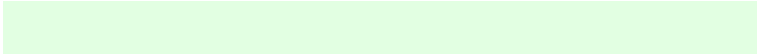
96.5298, 9.9855, -5.5604



96.5298, 13.1852, 9.2898

# Sweetspot

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



96.5298, -19.4177, 14.9467



99.0429, -9.1690, 8.0226



99.1318, -10.1133, 17.8731



45.7057, -4.7096, 4.0275

0.0000, NaN, NaN

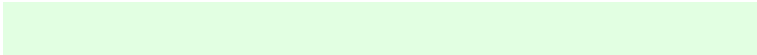


46.2646, -2.4686, 2.5136

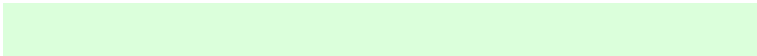


# Same Dimension

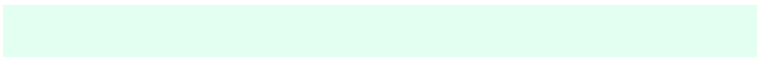
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.5298, -19.4177, 14.9467



95.7899, -22.4886, 17.0217



96.9588, -17.0099, 8.7983



44.9090, -7.9537, 6.2192



61.1316, -52.4203, 36.7512



19.0753, -16.3570, 11.4676



# Inverse Universe

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



91.0349, 10.2709, -5.3415



89.0504, 13.9411, -7.8732



90.5399, 7.6340, 1.6836



42.7790, 3.5516, -1.6431



38.5762, 75.8418, -50.8771

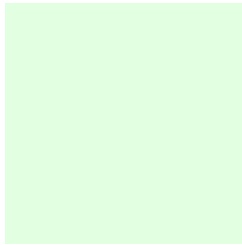


12.0372, 23.6654, -15.8756



# Previews

## White Background



This preview shows how the HunterLab color 96.5297, -19.4185, 14.9474 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

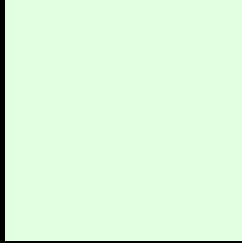
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 96.5297, -19.4185, 14.9474 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

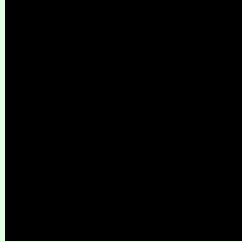
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

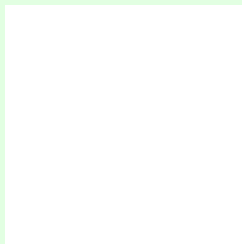
Any Text WCAG AAA ✓ Pass

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

## HunterLab 96.5297, -19.4185, 14.9474 Background



This preview shows how black text looks on a background with the HunterLab color 96.5297, -19.4185, 14.9474.



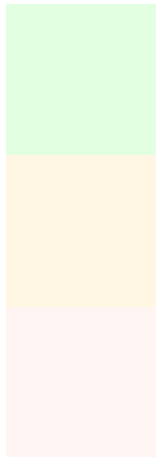
This preview shows how white text looks on a background with the HunterLab color 96.5297,

-19.4185,14.9474.

# 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

96.5297, -19.4185, 14.9474

### Protanopia

96.2900, -5.2623, 14.4933

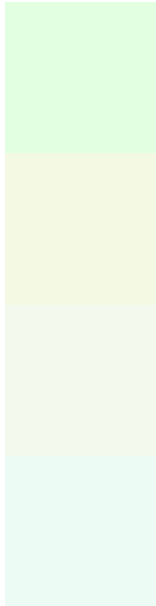
### Deuteranopia

96.4551, -2.1126, 7.2762

## Tritanopia

96.5567, -5.8577, 1.3020

# Trichromacy



## Original Color

96.5297, -19.4185, 14.9474

## Protanomaly

96.1928, -10.5162, 14.2962

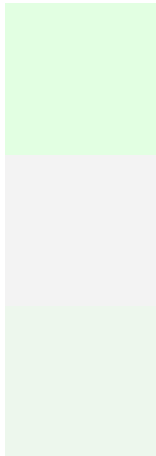
## Deuteranomaly

96.4878, -8.8863, 10.0670

## Tritanomaly

96.6224, -11.2875, 6.8217

# Monochromacy



## Original Color

96.5297, -19.4185, 14.9474

## Achromatopsia

94.6715, -5.0514, 5.1437

## Achromatomaly

95.2053, -10.1082, 8.5921

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 96.5297, -19.4185, 14.9474 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(226, 255, 226)` looks like.

```
.text, #text, p{  
    color:rgb(226, 255, 226)  
}
```

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(226, 255, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 255, 226) }
```

## Border

The CSS property to change the border of an element to HunterLab 96.5297, -19.4185, 14.9474 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(226, 255, 226) }
```



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

```
.border{ border-color:rgb(226, 255, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 255, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 255, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 255, 226); box-shadow:4px 4px 4px 4px rgb(226, 255, 226) }
```

# Background

The CSS property to change the background color of an element to HunterLab 96.5297, -19.4185, 14.9474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 255, 226) }
```

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

```
.background{ background-color: rgb(226,  
255, 226) }
```

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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