

# Converting Colors

HunterLab(124.1300, -57.8014,  
43.2742)

Have a look what the booklet for  
HunterLab(124.1300, -57.8014,  
43.2742) contains.

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# Color

**HunterLab(96.4459,  
-20.0578, 17.4537)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | E3FFDC                      |
| RGB         | 227, 255, 220               |
| RGB Percent | 89%, 100%, 86%              |
| CMY         | 0.1098, 0.0000, 0.1372      |
| CMYK        | 0.11, 0.00, 0.14, 0.00      |
| HSL         | 108°, 100%, 93%             |
| HSV         | 108°, 14%, 100%             |
| XYZ         | 80.3567, 93.0181, 81.4291   |
| YIQ         | 242.6380, -5.4530, -16.8210 |

# Conversions

## Conversions Part 2

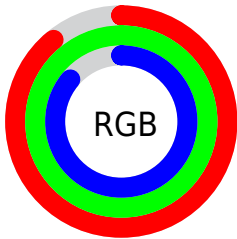
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| R <sub>Y</sub> B                    | 220, 255, 248                   |
| Decimal                             | 14942172                        |
| CIE Lab                             | 97.24, -15.29, 13.69            |
| CIE LCh                             | 97, 20.529, 138.163             |
| Yxy                                 | 93.0185, 0.3154,<br>0.3651      |
| Android<br>(android.graphics.Color) | 4293132252<br>(0xFFE3FFDC)      |
| YUV                                 | 242.6380, -11.1605,<br>-13.7145 |
| Hunter-Lab                          | 96.4459, -20.0578,<br>17.4537   |

# Details

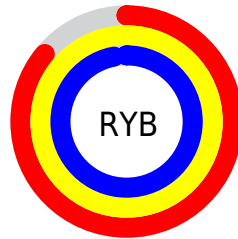
The HunterLab color  $96.4459, -20.0578, 17.4537$  is a light color, and the websafe version is hex  $CCFFCC$ . A complement of this color would be  $88.5234, 11.1466, -8.6222$ , and the grayscale version is  $94.5613, -5.0456, 5.1377$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $71.9463, -17.2866, 14.6951$  is the 20% darker color. If you saturate the color by 10%, you get  $94.1518, -29.8271, 25.1667$ , and if you desaturate by 10%, it is  $98.9901, -9.4694, 8.8497$ .

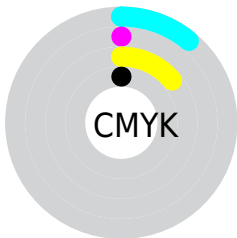
# Distribution



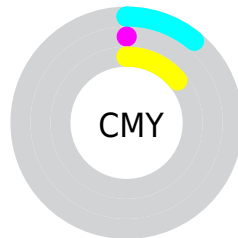
- Red (89%)
- Green (100%)
- Blue (86%)



- Red (86%)
- Yellow (100%)
- Blue (97%)



- Cyan (11%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)



- Cyan (11%)
- Magenta (0%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 96.4459, -20.0578, 17.4537 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 96.4459, -20.0578, 17.4537 by changing the saturation by 10% instead.



96.4459, -20.0578,  
17.4537

96.4459, -20.0578,  
17.4537

231.9055,  
-32.6371, 29.4972

83.9565, -18.6730,  
16.1411

123.0952,  
-22.8203, 20.0807

72.0580, -17.2826,  
14.8260

137.2105,  
-24.2045, 21.4010

60.7817, -15.8808,  
13.5028

151.8275,  
-25.5928, 22.7280

50.1640, -14.4606,  
12.1650

166.9296,  
-26.9867, 24.0628

40.2486, -13.0122,  
10.8027

182.5017,  
-28.3873, 25.4064

31.0892, -11.5205,  
9.4014

198.5300,

22.7545, -9.9618,

-29.7954, 26.7596

7.9377

215.0018,  
-31.2118, 28.1231

■ 15.3359, -8.2948,  
6.3713

■ 8.9497, -7.9249,  
6.2648

■ 96.4459, -20.0578,  
17.4537

■ 96.4459, -20.0578,  
17.4537

■ 94.1518, -29.8271,  
25.1667

■ 98.9901, -9.4694,  
8.8497

■ 92.1135, -38.6889,  
31.9214

100.0000, -5.3358,  
5.4332

■ 90.3349, -46.5613,  
37.6617

■ 88.8168, -53.3783,  
42.3521

■ 87.5566, -59.0954,  
45.9828

■ 86.5473, -63.6962,  
48.5769

■ 85.7774, -67.1983,  
50.1973

■ 85.2295, -69.6610,  
50.9574

■ 84.9846, -70.7460,  
51.1286

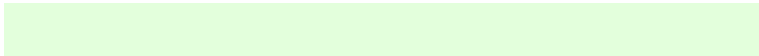
# Harmonies

## Analogous

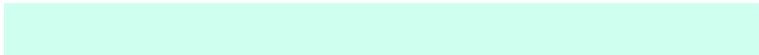
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.4461, -11.5034, 22.1095



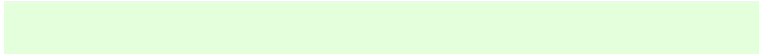
96.4459, -20.0578, 17.4537



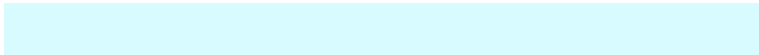
96.4461, -24.5386, 9.1923

# Triad

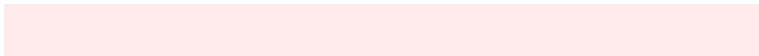
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



96.4461, -20.0571, 17.4531



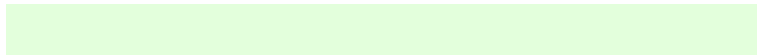
96.4461, -9.3500, -16.0195



96.4461, 15.2612, 11.1738

# Complementary

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



96.4459, -20.0578, 17.4537



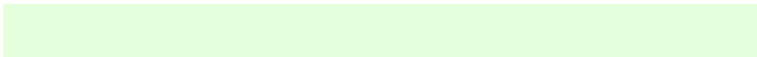
88.5234, 11.1466, -8.6222

# 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.



96.4461, 15.8998, 1.1335



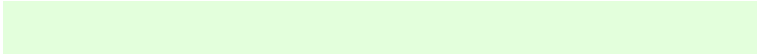
96.4459, -20.0578, 17.4537



96.4461, 1.3696, -15.3389

# Square

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



96.4461, -20.0571, 17.4531



96.4461, -18.5402, -10.5598



96.4461, 10.7186, -8.7911

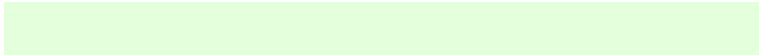


96.4461, 9.0103, 18.7666

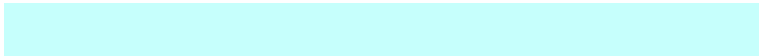


# Rectangle

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



96.4459, -20.0578, 17.4537



96.4461, -24.7498, 2.4191



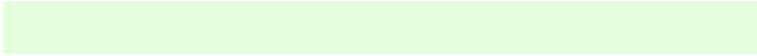
96.4461, 10.7186, -8.7911



96.4461, 16.1490, 7.9972

# Sweetspot

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



96.4461, -20.0571, 17.4531



98.9168, -9.7710, 9.0977



96.7277, -7.3850, 17.9696



45.6712, -4.9005, 4.5212

0.0000, NaN, NaN

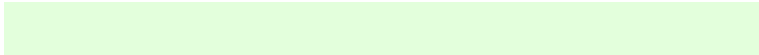


46.2646, -2.4686, 2.5136

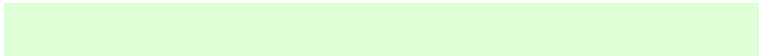


# Same Dimension

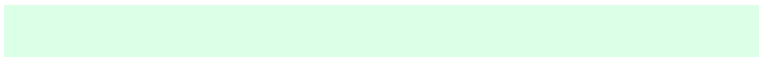
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.4461, -20.0571, 17.4531



95.9019, -22.3552, 19.2889



96.1651, -20.4826, 12.5138



45.1032, -7.2558, 6.4430



61.4716, -50.9693, 36.9862



19.2933, -15.4294, 11.6184



# Inverse Universe

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



88.5234, 11.1466, -8.6222



86.6946, 13.9244, -11.0372



88.8873, 11.6045, -2.3804



42.5513, 2.7887, -1.9471



32.4731, 67.2285, -69.0718



10.3496, 21.2731, -20.8241



# Previews

## White Background



This preview shows how the HunterLab color 96.4459, -20.0578, 17.4537 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

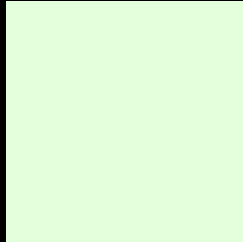
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 96.4459, -20.0578, 17.4537 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

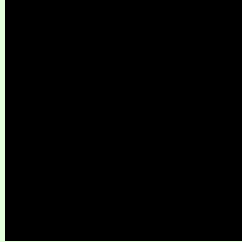
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

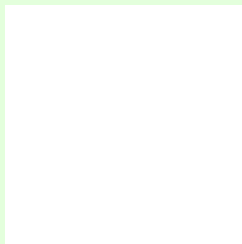
Any Text WCAG AAA ✓ Pass

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

## HunterLab 96.4459, -20.0578, 17.4537 Background



This preview shows how black text looks on a background with the HunterLab color 96.4459, -20.0578, 17.4537.



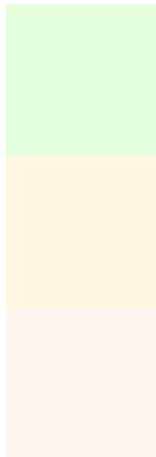
This preview shows how white text looks on a background with the HunterLab color 96.4459,

-20.0578,17.4537.

# 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

96.4459, -20.0578, 17.4537

### Protanopia

96.2329, -5.5749, 15.3127

### Deuteranopia

96.3928, -2.4522, 8.1668

## **Tritanopia**

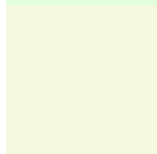
96.2386, -5.3306, 0.9232

# Trichromacy



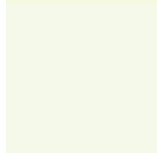
## Original Color

96.4459, -20.0578, 17.4537



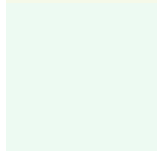
## Protanomaly

96.1725, -10.8148, 16.0329



## Deuteranomaly

96.4609, -9.2205, 11.8932



## Tritanomaly

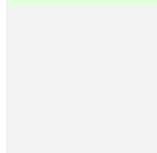
96.3258, -10.8026, 7.4604

# Monochromacy



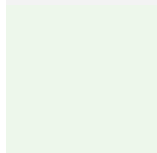
## Original Color

96.4459, -20.0578, 17.4537



## Achromatopsia

94.6715, -5.0514, 5.1437



## Achromatomaly

95.1442, -10.4461, 9.4659

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 96.4459, -20.0578, 17.4537 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(227, 255, 220)` looks like.

```
.text, #text, p{  
    color:rgb(227, 255, 220)  
}
```

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(227, 255, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 255, 220) }
```

## Border

The CSS property to change the border of an element to HunterLab 96.4459, -20.0578, 17.4537 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(227, 255, 220) }
```



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

```
.border{ border-color:rgb(227, 255, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 255, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 255, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 255, 220);  
box-shadow:4px 4px 4px 4px rgb(227, 255,  
220) }
```

# Background

The CSS property to change the background color of an element to HunterLab 96.4459, -20.0578, 17.4537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 255, 220) }
```

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

```
.background{ background-color: rgb(227,  
255, 220) }
```

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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