

# Converting Colors

HunterLab(96.2762, -21.2556,  
21.7648)

Have a look what the booklet for  
HunterLab(96.2762, -21.2556,  
21.7648) contains.

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# Color

**HunterLab(96.2379,  
-21.4002, 21.7640)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E4FFD1
RGB	228, 255, 209
RGB Percent	89%, 100%, 82%
CMY	0.1059, 0.0000, 0.1804
CMYK	0.11, 0.00, 0.18, 0.00
HSL	95°, 100%, 91%
HSV	95°, 18%, 100%
XYZ	79.2634, 92.6173, 74.0208
YIQ	241.6830, -1.3260, -20.0300

# Conversions

## Conversions Part 2

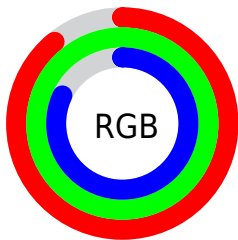
Format	Color
R <sub>Y</sub> B	209, 255, 236
Decimal	15007697
CIE Lab	97.07, -16.75, 19.09
CIE LCh	97, 25.397, 131.254
Yxy	92.6177, 0.3223, 0.3766
Android (android.graphics.Color)	4293197777 (0xFFE4FFD1)
YUV	241.6830, -16.1127, -12.0000
Hunter-Lab	96.2379, -21.4002, 21.7640

# Details

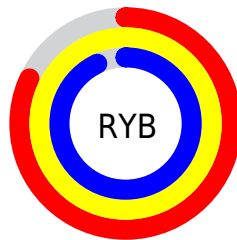
The HunterLab color **96.2379, -21.4002, 21.7640** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **84.0565, 13.1105, -14.7077**, and the grayscale version is **94.1592, -5.0241, 5.1158**.

A 20% lighter version of the original color is **100.0000, -5.3358, 5.4332**, and **71.7579, -18.5127, 18.6327** is the 20% darker color. If you saturate the color by 10%, you get **94.3986, -29.4110, 29.3429**, and if you desaturate by 10%, it is **98.2540, -12.7367, 13.1196**.

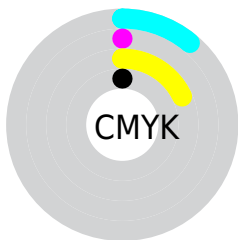
# Distribution



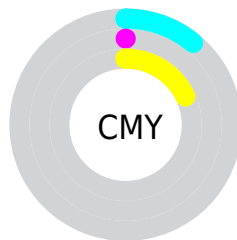
- Red (89%)
- Green (100%)
- Blue (82%)



- Red (82%)
- Yellow (100%)
- Blue (93%)



- Cyan (11%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)



- Cyan (11%)
- Magenta (0%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 96.2379, -21.4002, 21.7640 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 96.2379, -21.4002, 21.7640 by changing the saturation by 10% instead.



96.2379, -21.4002,  
21.7640

96.2379, -21.4002,  
21.7640

231.6268,  
-34.4986, 35.7614

83.7579, -19.9451,  
20.1821

122.8695,  
-24.2938, 24.8888

71.8693, -18.4803,  
18.5810

136.9765,  
-25.7393, 26.4412

60.6034, -16.9993,  
16.9521

151.5855,  
-27.1867, 27.9908

49.9967, -15.4941,  
15.2844

166.6798,  
-28.6376, 29.5397

40.0932, -13.9535,  
13.5622

182.2444,  
-30.0932, 31.0898

30.9467, -12.3604,  
11.7625

198.2653,

22.6261, -10.6877,

-31.5547, 32.6427

9.8496

214.7300,  
-33.0229, 34.1995

■ 15.2233, -8.8882,  
7.8404

■ 8.8484, -8.7199,  
6.1939

■ 96.2379, -21.4002,  
21.7640

■ 96.2379, -21.4002,  
21.7640

■ 94.3986, -29.4110,  
29.3429

■ 98.2540, -12.7367,  
13.1196

■ 92.7380, -36.7233,  
35.8205

100.0000, -5.3358,  
5.4332

■ 91.2574, -43.2962,  
41.1743

■ 89.9560, -49.0992,  
45.4025

■ 88.8312, -54.1154,  
48.5281

■ 87.8781, -58.3444,  
50.6042

■ 87.0886, -61.8070,  
51.7222

■ 86.4497, -64.5587,  
52.0412

■ 86.3383, -65.0365,  
52.0627

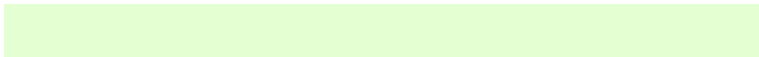
# Harmonies

## Analogous

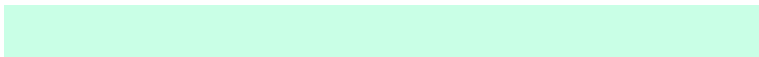
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.2381, -10.0712, 26.1396



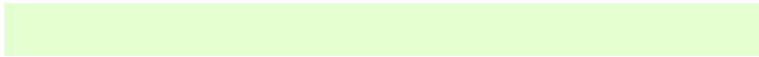
96.2379, -21.4002, 21.7640



96.2381, -28.1379, 12.7195

# Triad

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



96.2381, -21.3996, 21.7633



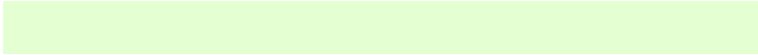
96.2381, -13.2065, -20.7077



96.2381, 21.1951, 9.8578

# Complementary

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



96.2379, -21.4002, 21.7640



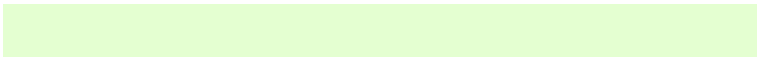
84.0565, 13.1105, -14.7077

# Split Complementary

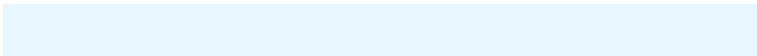
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.2381, 20.2430, -2.8959



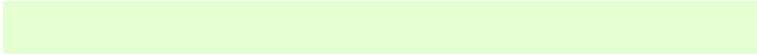
96.2379, -21.4002, 21.7640



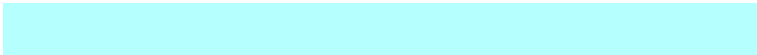
96.2381, -0.1078, -21.7480

# Square

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



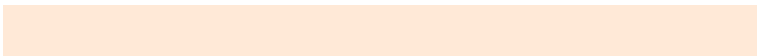
96.2381, -21.3996, 21.7633



96.2381, -23.5876, -12.1873



96.2381, 12.2759, -14.8620

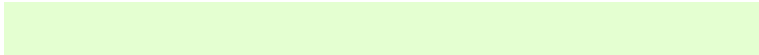


96.2381, 14.8107, 19.9135

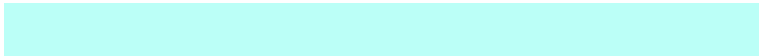


# Rectangle

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



96.2379, -21.4002, 21.7640



96.2381, -29.3525, 4.7055



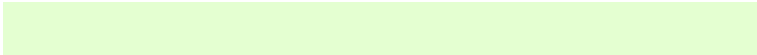
96.2381, 12.2759, -14.8620



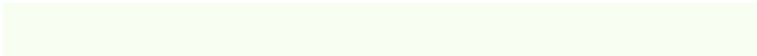
96.2381, 21.7311, 5.7685

# Sweetspot

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



96.2381, -21.3996, 21.7633



98.9010, -9.9832, 10.2897



92.6061, -2.6616, 18.3959



45.6862, -4.9155, 5.0671

0.0000, NaN, NaN

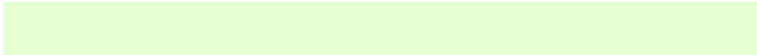


46.2646, -2.4686, 2.5136

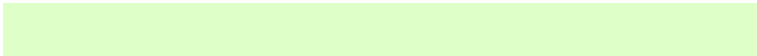


# Same Dimension

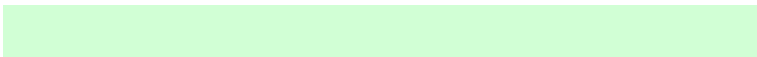
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.2381, -21.3996, 21.7633



95.4881, -24.6541, 24.8957



94.8005, -26.4826, 18.6500



45.3150, -6.4981, 6.6860



62.4762, -46.7365, 37.6793



19.6536, -13.9238, 11.8667



# Inverse Universe

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



84.0565, 13.1105, -14.7077



80.7143, 17.2562, -19.4578



85.9287, 18.8831, -9.7890



42.3138, 1.9886, -2.2658



26.8964, 60.0869, -91.3474

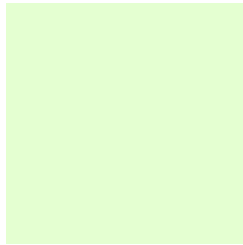


8.7660, 19.2023, -26.8174



# Previews

## White Background



This preview shows how the HunterLab color 96.2379, -21.4002, 21.7640 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

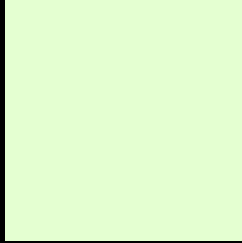
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 96.2379, -21.4002, 21.7640 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

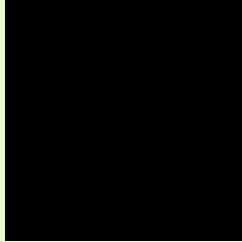
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

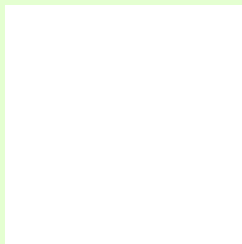
Any Text WCAG AAA ✓ Pass

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

## HunterLab 96.2379, -21.4002, 21.7640 Background



This preview shows how black text looks on a background with the HunterLab color 96.2379, -21.4002, 21.7640.



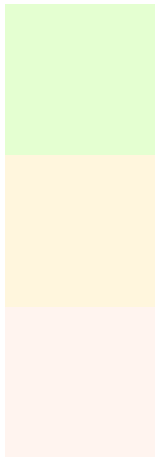
This preview shows how white text looks on a background with the HunterLab color 96.2379,

-21.4002, 21.7640.

# 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

96.2379, -21.4002, 21.7640

### Protanopia

96.1208, -6.1904, 16.9257

### Deuteranopia

96.0174, -2.2587, 8.7006

## **Tritanopia**

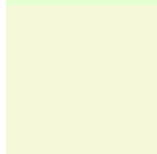
96.2386, -5.3306, 0.9232

# Trichromacy



## Original Color

96.2379, -21.4002, 21.7640



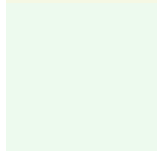
## Protanomaly

96.0071, -11.7318, 18.4137



## Deuteranomaly

95.9941, -9.5107, 13.6505



## Tritanomaly

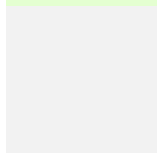
96.2023, -11.4869, 9.2260

# Monochromacy



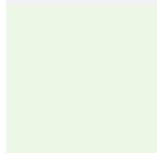
## Original Color

96.2379, -21.4002, 21.7640



## Achromatopsia

94.2297, -5.0279, 5.1197



## Achromatomaly

94.9943, -11.2764, 11.6125

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 96.2379, -21.4002, 21.7640 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(228, 255, 209)` looks like.

```
.text, #text, p{  
    color:rgb(228, 255, 209)  
}
```

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(228, 255, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 255, 209) }
```

## Border

The CSS property to change the border of an element to HunterLab 96.2379, -21.4002, 21.7640 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(228, 255, 209) }
```



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

```
.border{ border-color:rgb(228, 255, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 255, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 255, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 255, 209);  
box-shadow:4px 4px 4px 4px rgb(228, 255,  
209) }
```

# Background

The CSS property to change the background color of an element to HunterLab 96.2379, -21.4002, 21.7640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 255, 209) }
```

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

```
.background{ background-color: rgb(228,  
255, 209) }
```

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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