

# Converting Colors

HunterLab(96.3955, -20.6178,  
20.3180)

Have a look what the booklet for  
HunterLab(96.3955, -20.6178,  
20.3180) contains.

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# Color

**HunterLab(96.4272,  
-20.5024, 20.3527)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5FFD5
RGB	229, 255, 213
RGB Percent	90%, 100%, 84%
CMY	0.1020, 0.0000, 0.1647
CMYK	0.10, 0.00, 0.16, 0.00
HSL	97°, 100%, 92%
HSV	97°, 16%, 100%
XYZ	80.0833, 92.9820, 76.6772
YIQ	242.4380, -2.0140, -18.5740

# Conversions

## Conversions Part 2

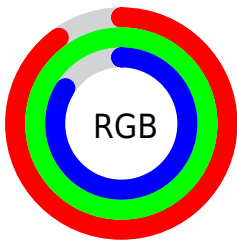
Format	Color
R <sub>Y</sub> B	213, 255, 239
Decimal	15073237
CIE Lab	97.22, -15.77, 17.27
CIE LCh	97, 23.386, 132.398
Yxy	92.9824, 0.3207, 0.3723
Android (android.graphics.Color)	4293263317 (0xFFE5FFD5)
YUV	242.4380, -14.5129, -11.7851
Hunter-Lab	96.4272, -20.5024, 20.3527

# Details

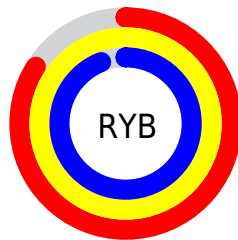
The HunterLab color  $96.4272, -20.5024, 20.3527$  is a light color, and the websafe version is hex  $CCFFCC$ . A complement of this color would be  $85.5338, 11.9282, -12.6655$ , and the grayscale version is  $94.4861, -5.0415, 5.1336$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $71.9312, -17.6866, 17.3511$  is the 20% darker color. If you saturate the color by 10%, you get  $94.5028, -28.8425, 28.0543$ , and if you desaturate by 10%, it is  $98.5377, -11.4931, 11.6135$ .

# Distribution



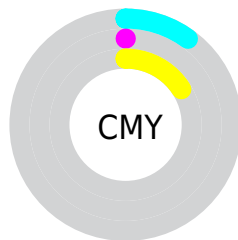
- Red (90%)
- Green (100%)
- Blue (84%)



- Red (84%)
- Yellow (100%)
- Blue (94%)



- Cyan (10%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)



- Cyan (10%)
- Magenta (0%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 96.4272, -20.5024, 20.3527 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 96.4272, -20.5024, 20.3527 by changing the saturation by 10% instead.



96.4272, -20.5024,  
20.3527

96.4272, -20.5024,  
20.3527

231.8805,  
-33.2510, 33.6838

83.9386, -19.0948,  
18.8630

123.0749,  
-23.3076, 23.3073

72.0410, -17.6802,  
17.3599

137.1894,  
-24.7118, 24.7805

60.7657, -16.2527,  
15.8359

151.8057,  
-26.1194, 26.2541

50.1489, -14.8049,  
14.2816

166.9071,  
-27.5318, 27.7300

40.2346, -13.3267,  
12.6832

182.4785,  
-28.9504, 29.2098

31.0764, -11.8022,  
11.0209

198.5062,

22.7430, -10.2069,

-30.3759, 30.6947

9.2630

214.9773,  
-31.8092, 32.1857

■ 15.3257, -8.4974,  
7.3686

■ 8.9406, -8.1629,  
6.2584

■ 96.4272, -20.5024,  
20.3527

■ 96.4272, -20.5024,  
20.3527

■ 94.5028, -28.8425,  
28.0543

■ 98.5377, -11.4931,  
11.6135

■ 92.7670, -36.4618,  
34.6767

100.0000, -5.3358,  
5.4332

■ 91.2215, -43.3130,  
40.1910

■ 89.8663, -49.3599,  
44.5886

■ 88.6988, -54.5799,  
47.8853

■ 87.7144, -58.9678,  
50.1271

■ 86.9052, -62.5406,  
51.3971

■ 86.2592, -65.3443,  
51.8309

■ 86.0635, -66.1869,  
51.8732

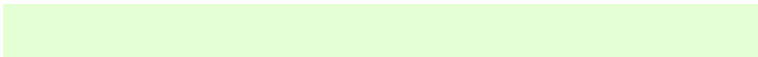
# Harmonies

## Analogous

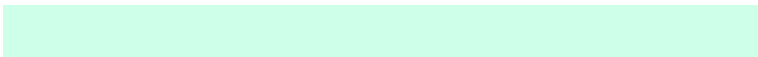
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.4274, -10.1482, 24.6429



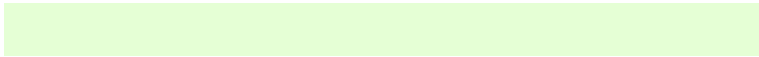
96.4272, -20.5024, 20.3527



96.4274, -26.5597, 11.7722

# Triad

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



96.4274, -20.5018, 20.3521



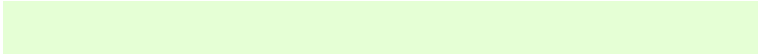
96.4274, -12.1598, -18.6046



96.4274, 18.9120, 9.9299

# Complementary

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



96.4272, -20.5024, 20.3527



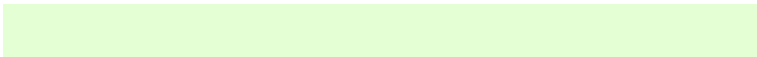
85.5338, 11.9282, -12.6655

# Split Complementary

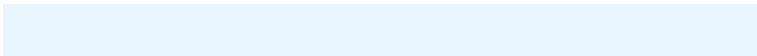
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.4274, 18.3071, -1.7648



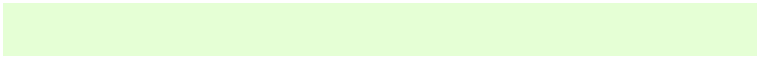
96.4272, -20.5024, 20.3527



96.4274, -0.0485, -19.2588

# Square

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



96.4274, -20.5018, 20.3521



96.4274, -21.9110, -11.0883



96.4274, 11.2260, -12.7778

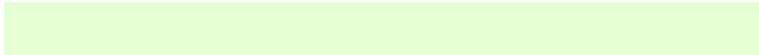


96.4274, 12.8397, 19.1487

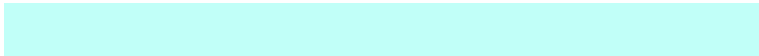


# Rectangle

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



96.4272, -20.5024, 20.3527



96.4274, -27.5415, 4.3079



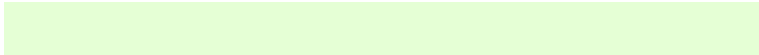
96.4274, 11.2260, -12.7778



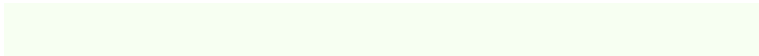
96.4274, 19.4911, 6.1804

# Sweetspot

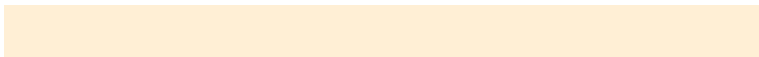
The Sweet Spot groups the original color and five complimentary colors.



96.4274, -20.5018, 20.3521



98.8633, -10.1161, 10.2450



93.6691, -3.6794, 17.8071



45.6664, -4.9855, 5.0437

0.0000, NaN, NaN

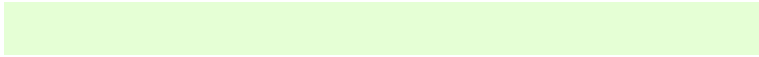


46.2646, -2.4686, 2.5136

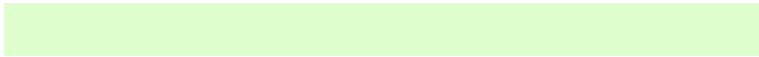


# Same Dimension

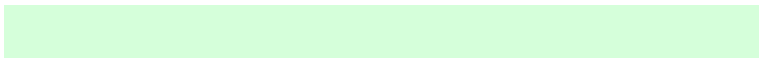
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.4274, -20.5018, 20.3521



95.7266, -23.5254, 23.1919



95.2487, -24.5522, 17.0154



45.2828, -6.6131, 6.6491



62.2749, -47.5781, 37.5406



19.5866, -14.2013, 11.8206



# Inverse Universe

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



85.5338, 11.9282, -12.6655



82.5623, 15.7049, -16.7907



87.0390, 16.4748, -7.7431



42.3492, 2.1082, -2.2182



27.6617, 61.0095, -87.8447

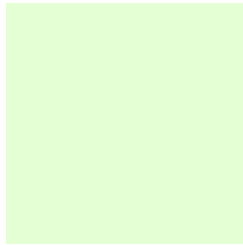


8.9877, 19.4785, -25.8732



# Previews

## White Background



This preview shows how the HunterLab color 96.4272, -20.5024, 20.3527 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 96.4272, -20.5024, 20.3527 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

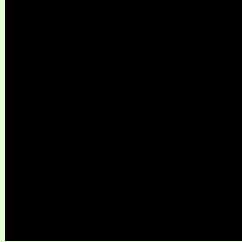
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

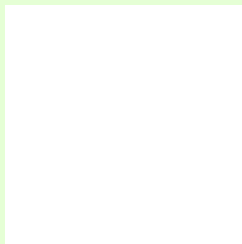
Any Text WCAG AAA ✓ Pass

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

## HunterLab 96.4272, -20.5024, 20.3527 Background



This preview shows how black text looks on a background with the HunterLab color 96.4272, -20.5024, 20.3527.



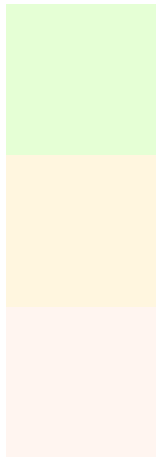
This preview shows how white text looks on a background with the HunterLab color 96.4272,

-20.5024, 20.3527.

# 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

96.4272, -20.5024, 20.3527

### Protanopia

96.1765, -5.8843, 16.1234

### Deuteranopia

96.3619, -2.6208, 8.6089

## **Tritanopia**

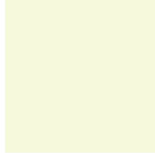
96.3308, -5.0101, 1.0414

# Trichromacy



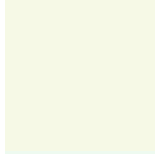
## Original Color

96.4272, -20.5024, 20.3527



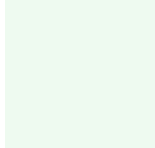
## Protanomaly

96.1554, -11.0971, 17.7327



## Deuteranomaly

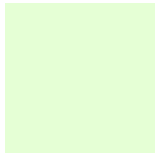
96.4662, -9.3779, 13.2657



## Tritanomaly

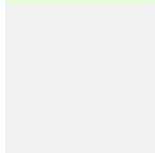
96.3533, -10.8292, 8.4555

# Monochromacy



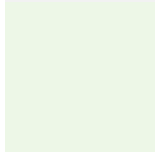
## Original Color

96.4272, -20.5024, 20.3527



## Achromatopsia

94.2297, -5.0279, 5.1197



## Achromatomaly

95.0240, -11.1120, 11.1875

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 96.4272, -20.5024, 20.3527 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(229, 255, 213)` looks like.

```
.text, #text, p{  
    color:rgb(229, 255, 213)  
}
```

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(229, 255, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 255, 213) }
```

## Border

The CSS property to change the border of an element to HunterLab 96.4272, -20.5024, 20.3527 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(229, 255, 213) }
```



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

```
.border{ border-color:rgb(229, 255, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 255, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 255, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 255, 213);  
box-shadow:4px 4px 4px 4px rgb(229, 255,  
213) }
```

# Background

The CSS property to change the background color of an element to HunterLab 96.4272, -20.5024, 20.3527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 255, 213) }
```

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

```
.background{ background-color: rgb(229,  
255, 213) }
```

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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