

# Converting Colors

HunterLab(96.1790, -21.5635,  
21.3006)

Have a look what the booklet for  
HunterLab(96.1790, -21.5635,  
21.3006) contains.

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# **Color**

**HunterLab(96.1790,  
-21.5635, 21.3006)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3FFD2
RGB	227, 255, 210
RGB Percent	89%, 100%, 82%
CMY	0.1098, 0.0000, 0.1765
CMYK	0.11, 0.00, 0.18, 0.00
HSL	97°, 100%, 91%
HSV	97°, 18%, 100%
XYZ	79.0714, 92.5040, 74.6603
YIQ	241.4980, -2.2430, -19.9310

# Conversions

## Conversions Part 2

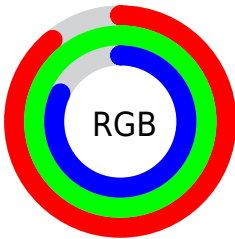
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	210, 255, 238
Decimal	14942162
CIE <sub>Lab</sub>	97.03, -16.93, 18.51
CIE <sub>LCh</sub>	97, 25.083, 132.447
Yxy	92.5043, 0.3211, 0.3757
Android (android.graphics.Color)	4293132242 (0xFFE3FFD2)
YUV	241.4980, -15.5285, -12.7147
Hunter-Lab	96.1790, -21.5635, 21.3006

# Details

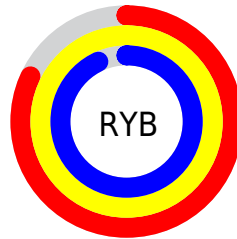
The HunterLab color  $96.1790, -21.5635, 21.3006$  is a light color, and the websafe version is hex  $CCFFCC$ . A complement of this color would be  $84.5527, 13.2316, -14.0082$ , and the grayscale version is  $94.0754, -5.0196, 5.1113$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $71.7026, -18.6696, 18.2139$  is the 20% darker color. If you saturate the color by 10%, you get  $94.2712, -29.8431, 28.8728$ , and if you desaturate by 10%, it is  $98.2743, -12.6056, 12.6871$ .

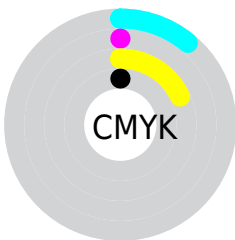
# Distribution



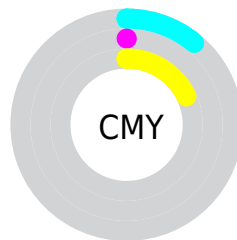
- Red (89%)
- Green (100%)
- Blue (82%)



- 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 96.1790, -21.5635, 21.3006 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 96.1790, -21.5635, 21.3006 by changing the saturation by 10% instead.



96.1790, -21.5635,  
21.3006

96.1790, -21.5635,  
21.3006

231.5479,  
-34.7268, 35.0836

83.7016, -20.0995,  
19.7483

122.8056,  
-24.4735, 24.3708

71.8158, -18.6253,  
18.1785

136.9102,  
-25.9267, 25.8977

60.5529, -17.1343,  
16.5832

151.5169,  
-27.3815, 27.4228

49.9494, -15.6184,  
14.9515

166.6091,  
-28.8395, 28.9482

40.0492, -14.0661,  
13.2687

182.1715,  
-30.3020, 30.4757

30.9063, -12.4601,  
11.5125

198.1903,

22.5897, -10.7727,

-31.7702, 32.0067

9.6483

214.6530,  
-33.2449, 33.5423

■ 15.1914, -8.9562,  
7.6744

■ 8.8195, -8.8350,  
6.1736

■ 96.1790, -21.5635,  
21.3006

■ 96.1790, -21.5635,  
21.3006

■ 94.2712, -29.8431,  
28.8728

■ 98.2743, -12.6056,  
12.6871

■ 92.5533, -37.3927,  
35.3633

100.0000, -5.3358,  
5.4332

■ 91.0269, -44.1659,  
40.7448

■ 89.6916, -50.1273,  
45.0111

■ 88.5448, -55.2560,  
48.1810

■ 87.5813, -59.5488,  
50.3040

■ 86.7929, -63.0258,  
51.4686

■ 86.1663, -65.7407,  
51.8258

■ 86.0377, -66.2950,  
51.8554

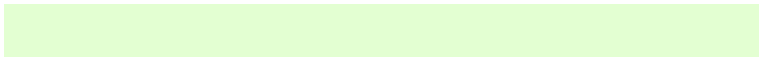
# Harmonies

## Analogous

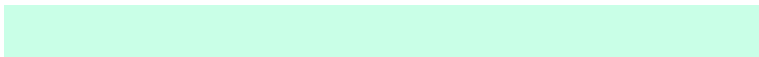
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.1792, -10.5091, 25.8281



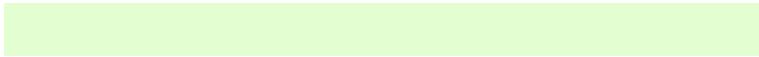
96.1790, -21.5635, 21.3006



96.1792, -28.0069, 12.1892

# Triad

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



96.1792, -21.5629, 21.2999



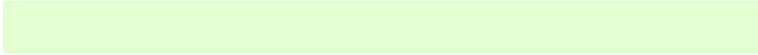
96.1792, -12.6209, -20.5440



96.1792, 20.7325, 10.2607

# Complementary

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



96.1790, -21.5635, 21.3006



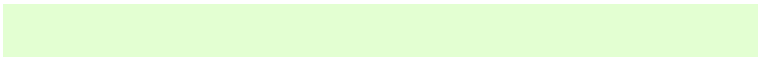
84.5527, 13.2316, -14.0082

# Split Complementary

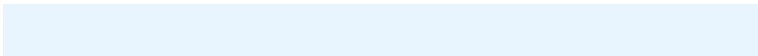
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.1792, 20.0920, -2.2800



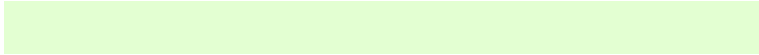
96.1790, -21.5635, 21.3006



96.1792, 0.3556, -21.2428

# Square

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



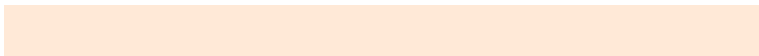
96.1792, -21.5629, 21.2999



96.1792, -23.0374, -12.3923



96.1792, 12.4709, -14.1901

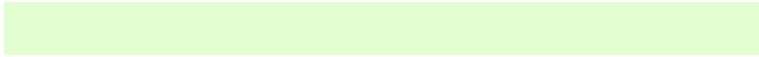


96.1792, 14.1765, 20.0515



# Rectangle

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



96.1790, -21.5635, 21.3006



96.1792, -29.0447, 4.2062



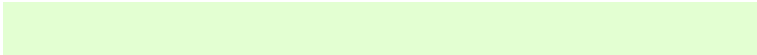
96.1792, 12.4709, -14.1901



96.1792, 21.3612, 6.2531

# Sweetspot

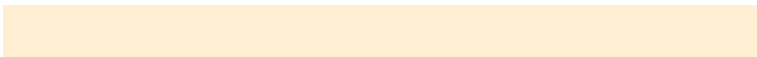
The Sweet Spot groups the original color and five complimentary colors.



96.1792, -21.5629, 21.2999



98.8596, -10.1292, 10.2405



93.2295, -3.5189, 18.6090



45.6645, -4.9924, 5.0414

0.0000, NaN, NaN

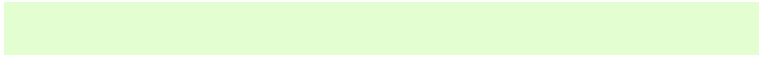


46.2646, -2.4686, 2.5136

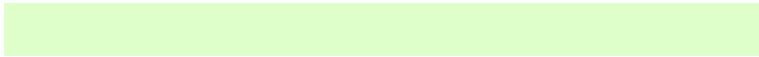


# Same Dimension

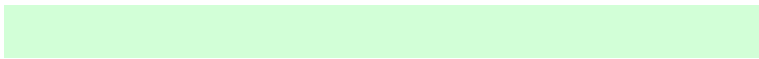
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.1792, -21.5629, 21.2999



95.5182, -24.4181, 23.9580



94.9427, -25.8260, 17.7972



45.2796, -6.6245, 6.6454



62.2560, -47.6574, 37.5275



19.5803, -14.2278, 11.8162



# Inverse Universe

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



84.5527, 13.2316, -14.0082



81.7475, 16.8366, -17.9502



86.1630, 18.0613, -8.6841



42.3527, 2.1201, -2.2134



27.7391, 61.1040, -87.4997

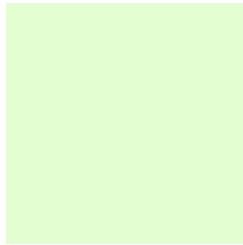


9.0100, 19.5066, -25.7803



# Previews

## White Background



This preview shows how the HunterLab color 96.1790, -21.5635, 21.3006 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

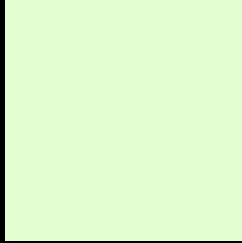
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 96.1790, -21.5635, 21.3006 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

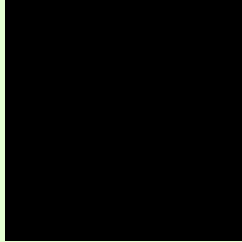
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

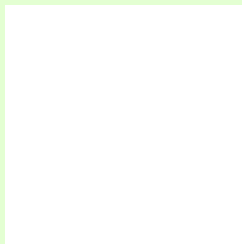
Any Text WCAG AAA ✓ Pass

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

## HunterLab 96.1790, -21.5635, 21.3006 Background



This preview shows how black text looks on a background with the HunterLab color 96.1790, -21.5635, 21.3006.



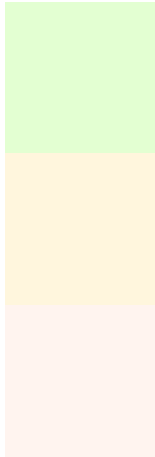
This preview shows how white text looks on a background with the HunterLab color 96.1790,

-21.5635, 21.3006.

# 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

96.1790, -21.5635, 21.3006

### Protanopia

96.1208, -6.1904, 16.9257

### Deuteranopia

96.0174, -2.2587, 8.7006

## **Tritanopia**

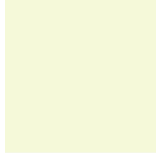
96.2386, -5.3306, 0.9232

# Trichromacy



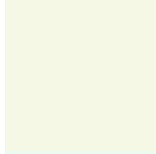
## Original Color

96.1790, -21.5635, 21.3006



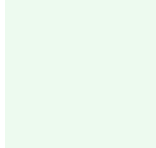
## Protanomaly

96.0071, -11.7318, 18.4137



## Deuteranomaly

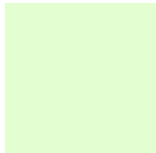
95.9941, -9.5107, 13.6505



## Tritanomaly

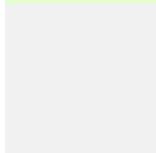
96.2329, -11.3171, 8.7878

# Monochromacy



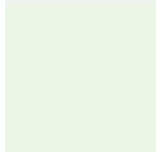
## Original Color

96.1790, -21.5635, 21.3006



## Achromatopsia

93.7882, -5.0043, 5.0957



## Achromatomaly

94.5820, -11.0833, 11.1581

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 96.1790, -21.5635, 21.3006 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, 210)` looks like.

```
.text, #text, p{  
    color:rgb(227, 255, 210)  
}
```

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, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 255, 210) }
```

## Border

The CSS property to change the border of an element to HunterLab 96.1790, -21.5635, 21.3006 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, 210) }
```



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

```
.border{ border-color:rgb(227, 255, 210) }
```

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, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 255, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 255, 210);  
box-shadow:4px 4px 4px 4px rgb(227, 255,  
210) }
```

# Background

The CSS property to change the background color of an element to HunterLab 96.1790, -21.5635, 21.3006 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, 210) }
```

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

```
.background{ background-color: rgb(227,  
255, 210) }
```

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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