

# Converting Colors

HunterLab(97.0983, -11.6163,  
10.0426)

Have a look what the booklet for  
HunterLab(97.0983, -11.6163,  
10.0426) contains.

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# **Color**

**HunterLab(97.1180,  
-11.5636, 10.2590)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0FCEE
RGB	240, 252, 238
RGB Percent	94%, 99%, 93%
CMY	0.0588, 0.0117, 0.0667
CMYK	0.05, 0.00, 0.06, 0.01
HSL	111°, 70%, 96%
HSV	111°, 6%, 99%
XYZ	86.1782, 94.3191, 94.5522
YIQ	246.8160, -2.6580, -6.8980

# Conversions

## Conversions Part 2

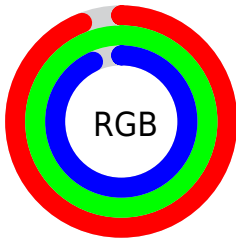
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	238, 252, 250
Decimal	15793390
CIE <sub>Lab</sub>	97.76, -6.41, 5.33
CIE <sub>LCh</sub>	98, 8.337, 140.258
Yxy	94.3231, 0.3133, 0.3429
Android (android.graphics.Color)	4293983470 (0xFFFF0FCEE)
YUV	246.8160, -4.3463, -5.9776
Hunter-Lab	97.1180, -11.5636, 10.2590

# Details

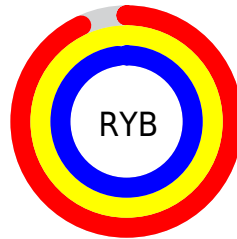
The HunterLab color **97.1180, -11.5636, 10.2590** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **94.0765, 1.5268, -0.0483**, and the grayscale version is **96.3820, -5.1427, 5.2366**.

A 20% lighter version of the original color is **100.0000, -5.3358, 5.4332**, and **72.5245, -9.4533, 8.3437** is the 20% darker color. If you saturate the color by 10%, you get **94.5439, -22.2834, 18.4729**, and if you desaturate by 10%, it is **99.0477, -3.7460, 4.3349**.

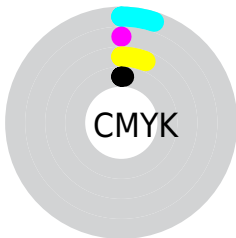
# Distribution



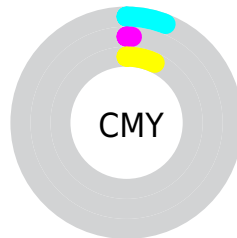
- Red (94%)
- Green (99%)
- Blue (93%)



- Red (93%)
- Yellow (99%)
- Blue (98%)



- Cyan (5%)
- Magenta (0%)
- Yellow (6%)
- Black (1%)



- Cyan (6%)
- Magenta (1%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 97.1180, -11.5636, 10.2590 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 97.1180, -11.5636, 10.2590 by changing the saturation by 10% instead.



97.1180, -11.5636,  
10.2590

97.1180, -11.5636,  
10.2590

232.8080,  
-21.0207, 19.4101

84.6001, -10.6026,  
9.3428

123.8261,  
-13.5438, 12.1558

72.6697, -9.6559,  
8.4448

137.9683,  
-14.5591, 13.1335

61.3598, -8.7248,  
7.5662

152.6113,  
-15.5921, 14.1310

50.7064, -7.8080,  
6.7060

167.7385,  
-16.6428, 15.1483

40.7527, -6.9030,  
5.8625

183.3350,  
-17.7111, 16.1850

31.5520, -6.0062,  
5.0332

199.3869,

23.1718, -5.1113,

-18.7969, 17.2411

4.2129

215.8818,  
-19.9002, 18.3162

■ 15.7020, -4.2065,  
3.3922

■ 9.2699, -3.5086,  
2.8881

■ 97.1180, -11.5636,  
10.2590

■ 97.1180, -11.5636,  
10.2590

■ 94.5439, -22.2834,  
18.4729

■ 99.0477, -3.7460,  
4.3349

■ 92.2394, -32.1115,  
25.8385

■ 90.2130, -40.9494,  
32.2838

■ 88.4684, -48.7082,  
37.7496

■ 87.0052, -55.3186,  
42.1978

■ 85.8192, -60.7387,  
45.6184

■ 84.9006, -64.9610,  
48.0357

■ 84.2343, -68.0199,  
49.5166

■ 83.7975, -69.9996,  
50.1819

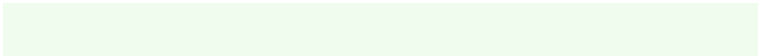
# Harmonies

## Analogous

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



97.1201, -8.0803, 12.4920



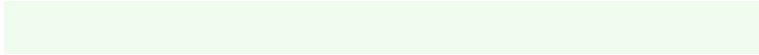
97.1180, -11.5636, 10.2590



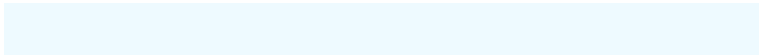
97.1201, -13.3328, 6.6297

# Triad

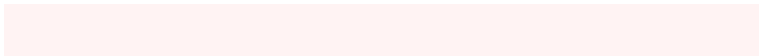
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



97.1201, -11.5658, 10.2604



97.1201, -6.6054, -2.9281



97.1201, 2.8240, 8.0143

# Complementary

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



97.1180, -11.5636, 10.2590



94.0765, 1.5268, -0.0483

# 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.



97.1201, 3.2358, 3.9239



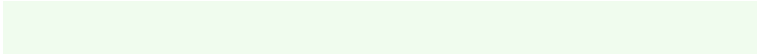
97.1180, -11.5636, 10.2590



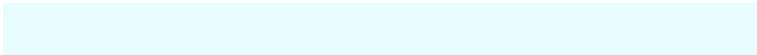
97.1201, -2.2600, -2.5172

# Square

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



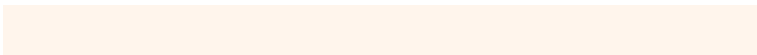
97.1201, -11.5658, 10.2604



97.1201, -10.5025, -1.0644



97.1201, 1.3602, 0.0348



97.1201, 0.2448, 11.2355



# Rectangle

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



97.1180, -11.5636, 10.2590



97.1201, -13.3201, 3.8519



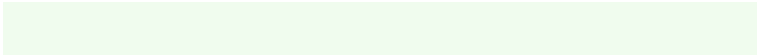
97.1201, 1.3602, 0.0348



97.1201, 3.2223, 6.6995

# Sweetspot

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



97.1201, -11.5658, 10.2604



99.4264, -7.6628, 7.2483



97.5612, -6.5494, 10.8434



46.0122, -3.4921, 3.3121

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



97.1201, -11.5658, 10.2604



98.0387, -13.3461, 11.6539



97.0912, -11.3672, 7.8944



44.3063, -6.3380, 5.5041



60.4140, -50.8169, 36.3372



18.4805, -15.0627, 11.1239



# Inverse Universe

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



94.0765, 1.5268, -0.0483



94.1568, 3.3543, -1.4962



94.1108, 1.3178, 2.5231



42.4028, 1.8518, -0.9448



33.6404, 68.4930, -62.6234

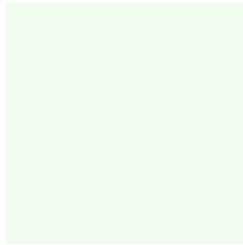


10.3992, 21.0695, -18.5555



# Previews

## White Background



This preview shows how the HunterLab color 97.1180, -11.5636, 10.2590 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

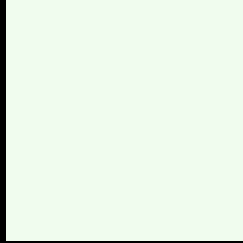
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 97.1180, -11.5636, 10.2590 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

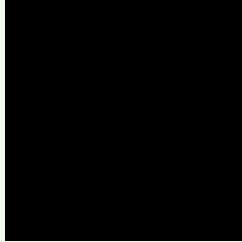
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

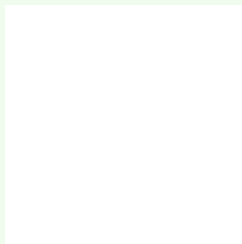
Any Text WCAG AAA ✓ Pass

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

## HunterLab 97.1180, -11.5636, 10.2590 Background



This preview shows how black text looks on a background with the HunterLab color 97.1180, -11.5636, 10.2590.



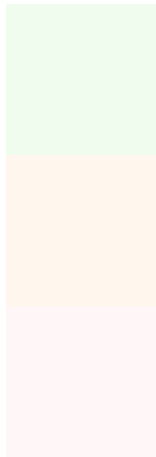
This preview shows how white text looks on a background with the HunterLab color 97.1180,

-11.5636,10.2590.

# 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

97.1180, -11.5636, 10.2590

### Protanopia

96.8999, -4.1780, 10.6128

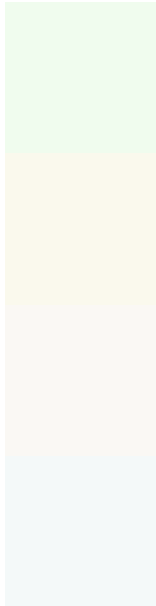
### Deuteranopia

96.8953, -1.9559, 5.8278

## **Tritanopia**

97.0201, -4.2465, 1.8932

# Trichromacy



## Original Color

97.1180, -11.5636, 10.2590

## Protanomaly

97.0514, -6.9097, 10.7348

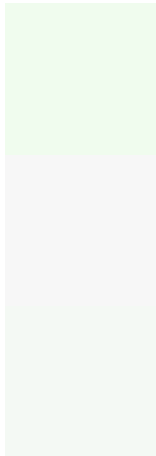
## Deuteranomaly

96.9487, -5.2043, 7.3060

## Tritanomaly

96.8628, -6.8212, 4.7088

# Monochromacy



## Original Color

97.1180, -11.5636, 10.2590

## Achromatopsia

96.4423, -5.1459, 5.2399

## Achromatomaly

96.7037, -7.6961, 6.9788

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 97.1180, -11.5636, 10.2590 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(240, 252, 238)` looks like.

```
.text, #text, p{  
    color:rgb(240, 252, 238)  
}
```

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(240, 252, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 252, 238) }
```

## Border

The CSS property to change the border of an element to HunterLab 97.1180, -11.5636, 10.2590 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(240, 252, 238) }
```



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

```
.border{ border-color:rgb(240, 252, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 252, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 252, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 252, 238);  
box-shadow:4px 4px 4px 4px rgb(240, 252,  
238) }
```

# Background

The CSS property to change the background color of an element to HunterLab 97.1180, -11.5636, 10.2590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 252, 238) }
```

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

```
.background{ background-color: rgb(240,  
252, 238) }
```

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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