

# Converting Colors

HunterLab(99.5513, 8.1979,  
-3.6556)

Have a look what the booklet for  
HunterLab(99.5513, 8.1979, -3.6556)  
contains.

**HunterLab(97.1553, -0.5419, 2.1218) ..... 3**  
    ***Conversions*** ..... 4  
    ***Details*** ..... 6  
    ***Harmonies*** ..... 12  
    ***Previews*** ..... 24  
    ***Color Blindness Simulation*** ..... 28  
    ***CSS Examples*** ..... 31

# Color

**HunterLab(97.1553, -0.5419,  
2.1218)**

# Conversions

Conversions Part 1	
Format	Color
Hex	FFF6FF
RGB	255, 246, 255
RGB Percent	100%, 96%, 100%
CMY	0.0000, 0.0353, 0.0000
CMYK	0.00, 0.04, 0.00, 0.00
HSL	300°, 100%, 98%
HSV	300°, 4%, 100%
XYZ	92.2458, 94.3915, 107.9653
YIQ	249.7170, 2.4750, 4.7070

# Conversions

## Conversions Part 2

Format	Color
<a href="#">RYB</a>	<a href="#">255, 246, 255</a>
Decimal	<a href="#">16774911</a>
CIELab	<a href="#">97.79, 4.56, -3.25</a>
CIELCh	<a href="#">98, 5.600, 324.581</a>
Yxy	<a href="#">94.3952, 0.3131, 0.3204</a>
Android (android.graphics.Color)	<a href="#">4294964991</a> (0xFFFFF6FF)
YUV	<a href="#">249.7170, 2.6045, 4.6332</a>
Hunter-Lab	<a href="#">97.1553, -0.5419, 2.1218</a>

# Details

The HunterLab color 97.1553, -0.5419, 2.1218 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 98.8778, -9.8341, 8.4720, and the grayscale version is 97.6377, -5.2097, 5.3048.

A 20% lighter version of the original color is 100.0000, -5.3358, 5.4332, and 72.7392, 0.0558, 1.2747 is the 20% darker color. If you saturate the color by 10%, you get 89.4049, 13.2792, -7.4169, and if you desaturate by 10%, it is 100.0000, -5.3358, 5.4332.

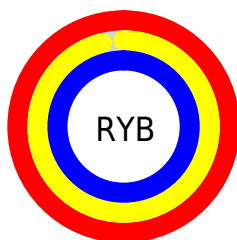
# Distribution



Red (100%)

Green (96%)

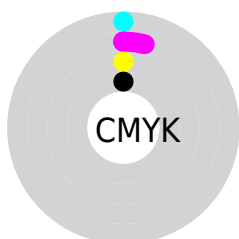
Blue (100%)



Red (100%)

Yellow (96%)

Blue (100%)

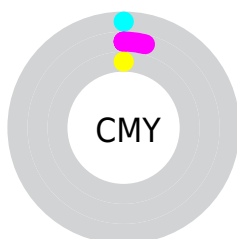


Cyan (0%)

Magenta (4%)

Yellow (0%)

Black (0%)



Cyan (0%)

Magenta (4%)


Yellow (0%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 97.1553, -0.5419, 2.1218 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 97.1553, -0.5419, 2.1218 by changing the saturation by 10% instead.




 97.1553, -0.5419,  
2.1218

 97.1553, -0.5419,  
2.1218


232.8577, -6.2475,  
8.4709

 84.6355, -0.0811,  
1.5799

123.8664, -1.5870,  
3.3195

 72.7034, 0.3415,  
1.0744


138.0100, -2.1608,  
3.9672

 61.3916, 0.7195,  
0.6102


152.6544, -2.7674,  
4.6462

 50.7362, 1.0488,  
0.1906

167.7830, -3.4054,  
5.3553

 40.7805, 1.3244,  
-0.1802

183.3808, -4.0735,  
6.0933

 31.5775, 1.5396,  
-0.4970


199.4341, -4.7706,


 23.1948, 1.6851,


6.8592


-0.7526


215.9302, -5.4956,  
7.6520

 15.7222, 1.7470,  
-0.9367


 9.2872, 1.7067,  
-1.0349


 97.1553, -0.5419,  
2.1218


 97.1553, -0.5419,  
2.1218

 89.4049, 13.2792,  
-7.4169

100.0000, -5.3358,  
5.4332

 82.1662, 27.4102,  
-17.1573

 75.5279, 41.7045,  
-26.9979

 69.5905, 55.8797,  
-36.7447

■ 64.4642, 69.4644,  
-46.0754

■ 60.2576, 81.7800,  
-54.5265

■ 57.0568, 92.0111,  
-61.5418

■ 54.8966, 99.4093,  
-66.6119

■ 53.7269, 103.6016,  
-69.4839

# Harmonies

## Analogous

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



97.1572, -2.8294, 0.2765



97.1553, -0.5419, 2.1218



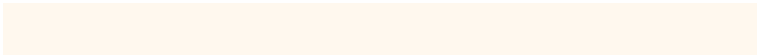
97.1572, 0.4957, 4.7800

# Triad

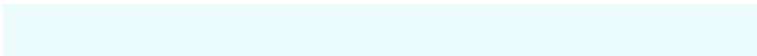
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



97.1572, -0.5451, 2.1240



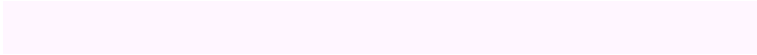
97.1572, -4.6555, 10.4850



97.1572, -10.2705, 3.0276

# Complementary

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



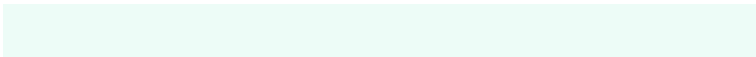
97.1553, -0.5419, 2.1218



98.8778, -9.8341, 8.4720

# Split Complementary

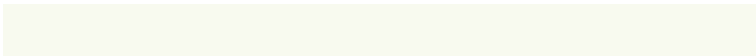
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



97.1572, -10.7465, 5.7943



97.1553, -0.5419, 2.1218



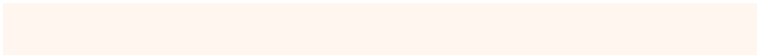
97.1572, -7.5268, 10.0470

# Square

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



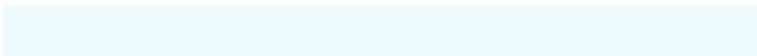
97.1572, -0.5451, 2.1240



97.1572, -1.8954, 9.5645



97.1572, -9.7478, 8.3500



97.1572, -8.4398, 0.8089



# Rectangle

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



97.1553, -0.5419, 2.1218



97.1572, 0.3356, 6.6310



97.1572, -9.7478, 8.3500



97.1572, -10.5933, 3.9266

# Sweetspot

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



97.1572, -0.5451, 2.1240



99.1886, -3.9822, 4.4980



96.2959, -3.5130, 1.0250



45.9077, -1.8734, 2.1025

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



97.1572, -0.5451, 2.1240



96.7801, 0.1007, 1.6780



97.0097, -1.3464, 4.2241



44.4984, 0.5226, 0.4476



38.5764, 75.8426, -50.8800



12.0372, 23.6656, -15.8764



# Inverse Universe

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



97.1572, -0.5451, 2.1240



96.7801, 0.1007, 1.6780



99.0190, -9.0543, 6.4540



44.4984, 0.5226, 0.4476



38.5764, 75.8426, -50.8800

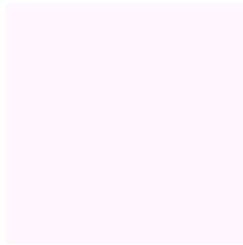


12.0372, 23.6656, -15.8764



# Previews

## White Background



This preview shows how the HunterLab color 97.1553, -0.5419, 2.1218 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

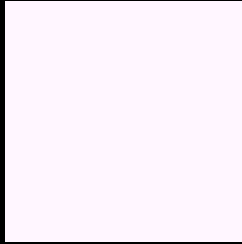
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 97.1553, -0.5419, 2.1218 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 97.1553, -0.5419, 2.1218 Background



This preview shows how black text looks on a background with the HunterLab color 97.1553, -0.5419, 2.1218.



This preview shows how white text looks on a background with the HunterLab color 97.1553, -0.5419, 2.1218.



# 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

97.1553, -0.5419, 2.1218

### Protanopia

97.0828, -2.4054, 2.0014

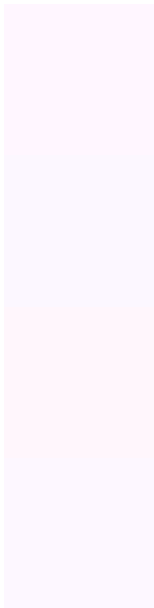
### Deuteranopia

97.0240, -1.2554, 3.9919

## **Tritanopia**

97.1787, -2.0749, 2.1233

# Trichromacy



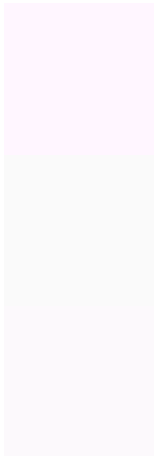
**Original Color**  
97.1553, -0.5419, 2.1218

**Protanomaly**  
97.1787, -2.0749, 2.1233

**Deuteranomaly**  
97.0566, -1.0783, 3.5276

**Tritanomaly**  
97.2750, -1.7433, 2.2455

# Monochromacy



**Original Color**  
97.1553, -0.5419, 2.1218

**Achromatopsia**  
97.7739, -5.2170, 5.3122

**Achromatomaly**  
97.7114, -3.6751, 4.2626

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 97.1553, -0.5419, 2.1218 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(255, 246, 255)` looks like.

```
.text, #text, p{  
    color:rgb(255, 246, 255)  
}
```

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(255, 246, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 246, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 97.1553, -0.5419, 2.1218 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(255, 246, 255) }
```



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

```
.border{ border-color:rgb(255, 246, 255) }
```

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

Here you see how a box with a 4 pixel rgb(255, 246, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 246, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 246, 255);  
box-shadow:4px 4px 4px 4px rgb(255, 246,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 97.1553, -0.5419, 2.1218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 246, 255) }
```

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

```
.background{ background-color: rgb(255,  
246, 255) }
```

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](#).

Hey! You found this booklet  
interesting? Support Converting  
Colors with the new Membership  
Option!

The pro membership hides all ads, plus gives you  
double the colors in the color bucket, and more  
awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor