

# Converting Colors

HunterLab(97.4479, -5.1934,  
11.4299)

Have a look what the booklet for  
HunterLab(97.4479, -5.1934,  
11.4299) contains.

|   |    |
|---|----|
| <b>HunterLab(97.5325, -5.2321, 11.3020)</b> ..... | 3  |
| <b><i>Conversions</i></b> .....                   | 4  |
| <b><i>Details</i></b> .....                       | 6  |
| <b><i>Harmonies</i></b> .....                     | 12 |
| <b><i>Previews</i></b> .....                      | 24 |
| <b><i>Color Blindness Simulation</i></b> .....    | 28 |
| <b><i>CSS Examples</i></b> .....                  | 31 |

# Color

**HunterLab(97.5325, -5.2321,  
11.3020)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | FFF9ED                    |
| RGB           | 255, 249, 237             |
| RGB Percent   | 100%, 98%, 93%            |
| CMY           | 0.0000, 0.0235, 0.0706    |
| CMYK          | 0.00, 0.02, 0.07, 0.00    |
| HSL           | 40°, 100%, 96%            |
| HSV           | 40°, 7%, 100%             |
| XYZ           | 90.4018, 95.1259, 93.7173 |
| YIQ           | 249.4260, 7.4280, -2.4600 |

# Conversions

## Conversions Part 2

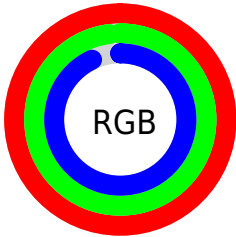
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 246, 255, 237                |
| Decimal                             | 16775661                     |
| CIE <sub>Lab</sub>                  | 98.09, -0.03, 6.45           |
| CIE <sub>LCh</sub>                  | 98, 6.451, 90.226            |
| Yxy                                 | 95.1298, 0.3237,<br>0.3407   |
| Android<br>(android.graphics.Color) | 4294965741<br>(0xFFFFF9ED)   |
| YUV                                 | 249.4260, -6.1260,<br>4.8884 |
| Hunter-Lab                          | 97.5325, -5.2321,<br>11.3020 |

# Details

The HunterLab color 97.5325, -5.2321, 11.3020 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 94.5111, -4.8105, -1.1975, and the grayscale version is 97.5446, -5.2047, 5.2998.

A 20% lighter version of the original color is 100.0000, -5.3358, 5.4332, and 73.1313, -4.2325, 9.5470 is the 20% darker color. If you saturate the color by 10%, you get 94.1338, -4.7437, 18.8973, and if you desaturate by 10%, it is 100.0000, -5.3358, 5.4332.

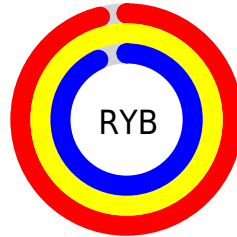
# Distribution



Red (100%)

Green (98%)

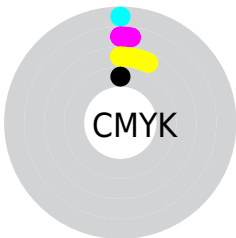
Blue (93%)



Red (96%)

Yellow (100%)

Blue (93%)



Cyan (0%)

Magenta (2%)

Yellow (7%)

Black (0%)



Cyan (0%)

Magenta (2%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 97.5325, -5.2321, 11.3020 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 97.5325, -5.2321, 11.3020 by changing the saturation by 10% instead.



97.5325, -5.2321,  
11.3020

97.5325, -5.2321,  
11.3020

233.3624,  
-12.4985, 20.8376

84.9959, -4.5642,  
10.3339

124.2754, -6.6655,  
13.2953

73.0460, -3.9248,  
9.3814

138.4341, -7.4228,  
14.3184

61.7155, -3.3183,  
8.4448

153.0930, -8.2067,  
15.3597

51.0402, -2.7468,  
7.5227

168.2356, -9.0164,  
16.4192

41.0631, -2.2125,  
6.6126

183.8470, -9.8512,  
17.4968

31.8371, -1.7181,  
5.7103

199.9135,

23.4291, -1.2673,

-10.7102, 18.5925

4.8088

216.4225,  
-11.5928, 19.7062

■ 15.9282, -0.8648,  
3.8952

■ 9.4612, -0.5171,  
3.3416

■ 97.5325, -5.2321,  
11.3020

■ 97.5325, -5.2321,  
11.3020

■ 94.1338, -4.7437,  
18.8973

100.0000, -5.3358,  
5.4332

■ 90.8465, -3.8250,  
25.5936

■ 87.6782, -2.4607,  
31.3382

■ 84.6342, -0.6361,  
36.0819

■ 81.7196, 1.6577,  
39.7842

■ 78.9385, 4.4222,  
42.4189

■ 76.2941, 7.6473,  
43.9829

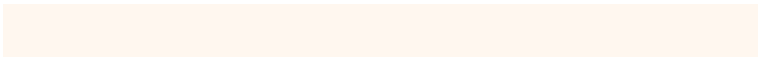
■ 73.7875, 11.3075,  
44.5092

■ 71.4156, 15.3517,  
44.0958

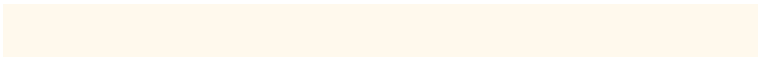
# Harmonies

## Analogous

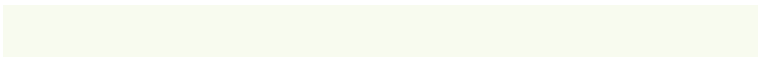
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97.5345, -1.9543, 10.5349



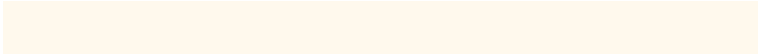
97.5325, -5.2321, 11.3020



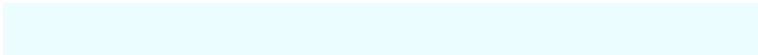
97.5345, -8.4663, 10.5118

# Triad

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



97.5345, -5.2351, 11.3033



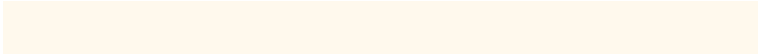
97.5345, -10.7731, 2.1385



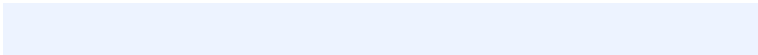
97.5345, 0.5081, 2.1822

# Complementary

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



97.5325, -5.2321, 11.3020



94.5111, -4.8105, -1.1975

# Split Complementary

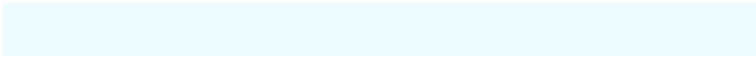
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



97.5345, -1.9092, -0.1971



97.5325, -5.2321, 11.3020



97.5345, -8.4224, -0.2229

# Square

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



97.5345, -5.2351, 11.3033



97.5345, -11.6369, 5.2846



97.5345, -5.1837, -1.0916



97.5345, 1.3890, 5.3335



# Rectangle

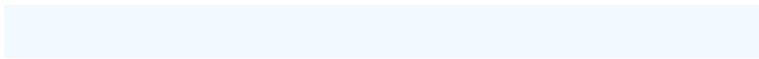
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97.5325, -5.2321, 11.3020



97.5345, -10.1645, 9.1900



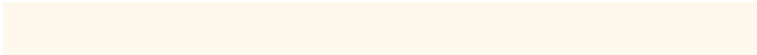
97.5345, -5.1837, -1.0916



97.5345, -0.1534, 1.2618

# Sweetspot

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



97.5345, -5.2351, 11.3033



99.2960, -5.3274, 7.1380



93.9684, 2.1529, 4.4386



45.9550, -2.4650, 3.2637

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

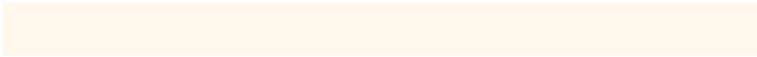


# Same Dimension

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



97.5345, -5.2351, 11.3033



97.2095, -5.2065, 12.0554



99.1615, -9.3797, 13.0325



44.7343, -2.3841, 6.1259



51.4125, 11.4449, 31.8805



16.6573, 2.4045, 10.3063



# Inverse Universe

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



94.5111, -4.8105, -1.1975



93.7860, -4.7247, -2.1018



92.9059, -0.6765, -3.1397



42.8556, -2.1188, -1.6452



27.2114, 26.1610, -90.4859

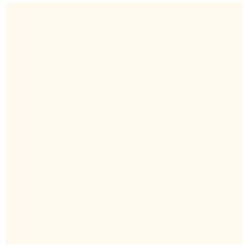


9.5507, 5.5407, -23.8984



# Previews

## White Background



This preview shows how the HunterLab color 97.5325, -5.2321, 11.3020 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

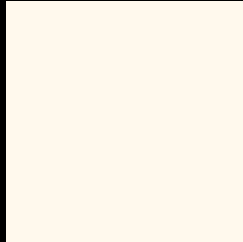
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 97.5325, -5.2321, 11.3020 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

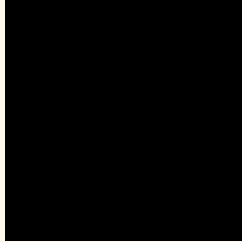
Any Text WCAG AA ✓ Pass

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 97.5325, -5.2321, 11.3020 Background



This preview shows how black text looks on a background with the HunterLab color 97.5325, -5.2321, 11.3020.



This preview shows how white text looks on a background with the HunterLab color 97.5325, -5.2321,



# 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**

97.5325, -5.2321, 11.3020

**Protanopia**

97.6231, -4.7359, 10.0044

**Deuteranopia**

97.5562, -2.8458, 6.0912

## **Tritanopia**

97.5897, -2.2765, 2.6161

# Trichromacy



A vertical color bar on the left side of the Trichromacy section, divided into four horizontal segments. The top segment is yellow, the second is light orange, the third is light pink, and the bottom segment is light peach.

**Original Color**

97.5325, -5.2321, 11.3020

**Protanomaly**

97.5927, -4.9021, 10.4390

**Deuteranomaly**

97.4302, -3.5334, 7.8906

**Tritanomaly**

97.4592, -3.1810, 5.9719

# Monochromacy



A vertical color bar on the left side of the Monochromacy section, divided into two horizontal segments. The top segment is yellow and the bottom segment is light grey.

**Original Color**

97.5325, -5.2321, 11.3020

**Achromatopsia**

97.3297, -5.1933, 5.2881

**Achromatomaly**

97.3926, -5.2281, 7.3317

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 97.5325, -5.2321, 11.3020 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, 249, 237)` looks like.

```
.text, #text, p{  
    color:rgb(255, 249, 237)  
}
```

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, 249, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 249, 237) }
```

## Border

The CSS property to change the border of an element to HunterLab 97.5325, -5.2321, 11.3020 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, 249, 237) }
```



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

```
.border{ border-color:rgb(255, 249, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 249, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 249, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 249, 237);  
box-shadow:4px 4px 4px 4px rgb(255, 249,  
237) }
```

# Background

The CSS property to change the background color of an element to HunterLab 97.5325, -5.2321, 11.3020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 249, 237) }
```

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

```
.background{ background-color: rgb(255,  
249, 237) }
```

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