

# Converting Colors

HunterLab(97.4039, -17.2981,  
23.9597)

Have a look what the booklet for  
HunterLab(97.4039, -17.2981,  
23.9597) contains.

<b>HunterLab(97.4178, -17.2255, 23.7993)</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(97.4178,  
-17.2255, 23.7993)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2FFCF
RGB	242, 255, 207
RGB Percent	95%, 100%, 81%
CMY	0.0510, 0.0000, 0.1882
CMYK	0.05, 0.00, 0.19, 0.00
HSL	76°, 100%, 91%
HSV	76°, 19%, 100%
XYZ	83.6405, 94.9023, 72.9412
YIQ	245.6410, 7.6600, -17.6840

# Conversions

## Conversions Part 2

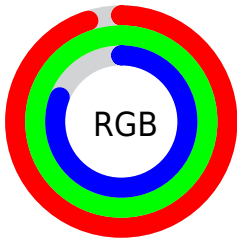
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	207, 255, 220
Decimal	15925199
CIE <sub>Lab</sub>	97.99, -12.21, 21.54
CIE <sub>LCh</sub>	98, 24.764, 119.552
Yxy	94.9025, 0.3326, 0.3774
Android (android.graphics.Color)	4294115279 (0xFFFF2FFCF)
YUV	245.6410, -19.0500, -3.1932
Hunter-Lab	97.4178, -17.2255, 23.7993

# Details

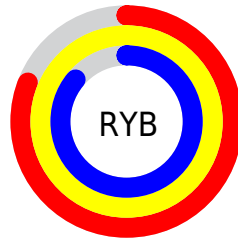
The HunterLab color **97.4178, -17.2255, 23.7993** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **81.8917, 9.0051, -17.8775**, and the grayscale version is **95.9196, -5.1180, 5.2115**.

A 20% lighter version of the original color is **100.0000, -5.3358, 5.4332**, and **72.8884, -14.4290, 20.1464** is the 20% darker color. If you saturate the color by 10%, you get **96.2056, -22.8139, 31.7737**, and if you desaturate by 10%, it is **98.7408, -11.1268, 14.5823**.

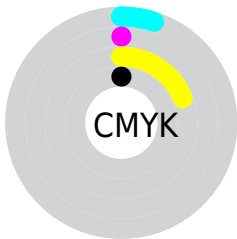
# Distribution



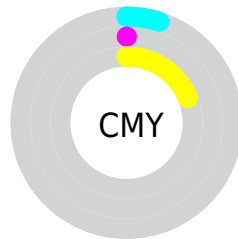
- Red (95%)
- Green (100%)
- Blue (81%)



- Red (81%)
- Yellow (100%)
- Blue (86%)



- Cyan (5%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)



- Cyan (5%)
- Magenta (0%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 97.4178, -17.2255, 23.7993 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 97.4178, -17.2255, 23.7993 by changing the saturation by 10% instead.



97.4178, -17.2255,  
23.7993

97.4178, -17.2255,  
23.7993

233.2065,  
-28.7161, 38.6981

84.8845, -15.9884,  
22.0943

124.1491,  
-19.7135, 27.1526

72.9402, -14.7540,  
20.3630

138.3031,  
-20.9689, 28.8119

61.6154, -13.5181,  
18.5954

152.9575,  
-22.2334, 30.4641

50.9462, -12.2760,  
16.7792

168.0958,  
-23.5078, 32.1119

40.9758, -11.0207,  
14.8965

183.7030,  
-24.7928, 33.7575

31.7568, -9.7416,  
12.9216

199.7654,

23.3567, -8.4220,

-26.0889, 35.4028

10.8152

216.2704,  
-27.3965, 37.0492

■ 15.8645, -7.0327,  
8.6275

■ 9.4077, -6.1599,  
6.5854

■ 97.4178, -17.2255,  
23.7993

■ 97.4178, -17.2255,  
23.7993

■ 96.2056, -22.8139,  
31.7737

■ 98.7408, -11.1268,  
14.5823

■ 95.1027, -27.8835,  
38.5046

100.0000, -5.3358,  
5.4332

■ 94.1073, -32.4296,  
44.0035

■ 93.2163, -36.4549,  
48.3004

■ 92.4257, -39.9711,  
51.4456

■ 91.7298, -42.9999,  
53.5147

■ 91.1211, -45.5768,  
54.6150

■ 90.5871, -47.7678,  
54.9267

■ 90.5271, -48.0123,  
54.9418

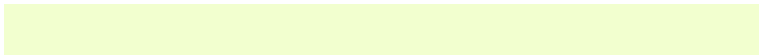
# Harmonies

## Analogous

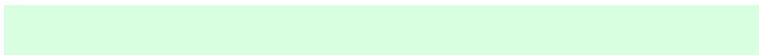
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97.4179, -5.0079, 26.2050



97.4178, -17.2255, 23.7993



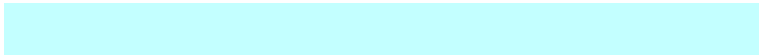
97.4179, -25.8245, 16.5966

# Triad

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



97.4179, -17.2249, 23.7986



97.4179, -17.5463, -17.4980



97.4179, 21.0667, 5.1168

# Complementary

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



97.4178, -17.2255, 23.7993



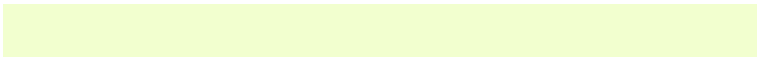
81.8917, 9.0051, -17.8775

# Split Complementary

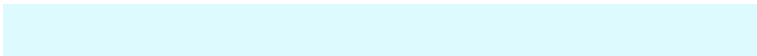
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



97.4179, 17.2902, -7.5295



97.4178, -17.2255, 23.7993



97.4179, -5.3984, -21.5899

# Square

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



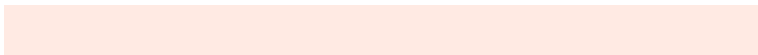
97.4179, -17.2249, 23.7986



97.4179, -26.0030, -7.1660



97.4179, 7.4313, -17.7265

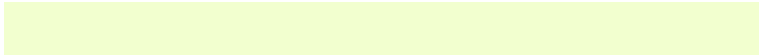


97.4179, 17.5029, 16.3141

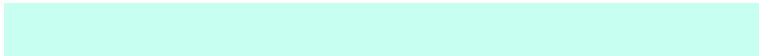


# Rectangle

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



97.4178, -17.2255, 23.7993



97.4179, -28.5810, 9.5158



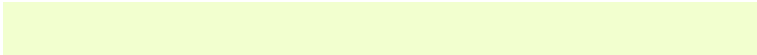
97.4179, 7.4313, -17.7265



97.4179, 20.6108, 0.8926

# Sweetspot

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



97.4179, -17.2249, 23.7986



99.1343, -9.3153, 11.7582



87.6627, 5.5045, 14.1872



45.8216, -4.5052, 5.7462

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

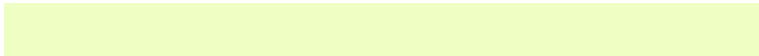


# Same Dimension

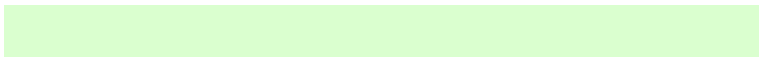
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97.4179, -17.2249, 23.7986



96.8981, -19.6223, 27.2815



95.3738, -24.6703, 21.6386



45.6387, -5.3475, 7.0553



65.4973, -34.4720, 39.7556



20.5690, -10.2390, 12.4953



# Inverse Universe

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



81.8917, 9.0051, -17.8775



78.0319, 12.3343, -23.5858



84.2877, 16.8388, -14.3169



41.9710, 0.8261, -2.7291



21.2067, 54.1063, -124.1950

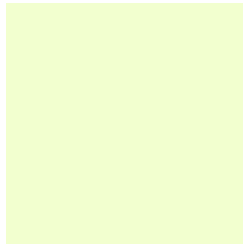


6.9925, 17.2279, -36.2016



# Previews

## White Background



This preview shows how the HunterLab color 97.4178, -17.2255, 23.7993 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

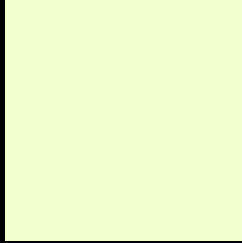
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 97.4178, -17.2255, 23.7993 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

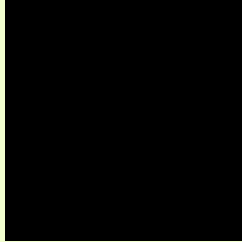
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

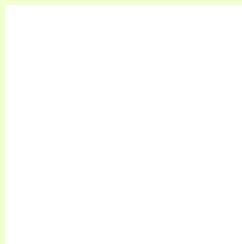
Any Text WCAG AAA ✓ Pass

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

## HunterLab 97.4178, -17.2255, 23.7993 Background



This preview shows how black text looks on a background with the HunterLab color 97.4178, -17.2255, 23.7993.



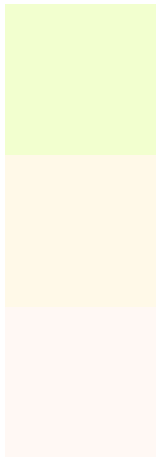
This preview shows how white text looks on a background with the HunterLab color 97.4178,

-17.2255,23.7993.

# 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

97.4178, -17.2255, 23.7993

### Protanopia

97.3846, -6.0429, 13.4222

### Deuteranopia

97.4302, -3.5334, 7.8906

## Tritanopia

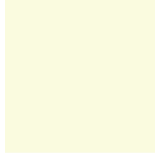
97.3030, -3.2665, 2.2528

# Trichromacy



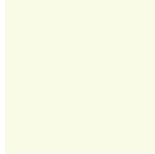
## Original Color

97.4178, -17.2255, 23.7993



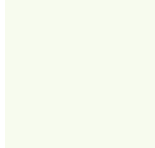
## Protanomaly

97.2862, -10.1821, 17.2229



## Deuteranomaly

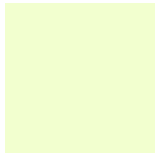
97.5130, -8.9295, 13.9635



## Tritanomaly

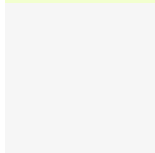
97.4380, -8.7794, 10.6670

# Monochromacy



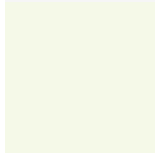
## Original Color

97.4178, -17.2255, 23.7993



## Achromatopsia

95.9991, -5.1223, 5.2158



## Achromatomaly

96.4313, -9.3836, 12.3168

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 97.4178, -17.2255, 23.7993 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(242, 255, 207)` looks like.

```
.text, #text, p{  
    color:rgb(242, 255, 207)  
}
```

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(242, 255, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 255, 207) }
```

## Border

The CSS property to change the border of an element to HunterLab 97.4178, -17.2255, 23.7993 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(242, 255, 207) }
```



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

```
.border{ border-color:rgb(242, 255, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 255, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 255, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 255, 207);  
box-shadow:4px 4px 4px 4px rgb(242, 255,  
207) }
```

# Background

The CSS property to change the background color of an element to HunterLab 97.4178, -17.2255, 23.7993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 255, 207) }
```

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

```
.background{ background-color: rgb(242,  
255, 207) }
```

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