

# Converting Colors

HunterLab(97.2925, -15.9502,  
10.2816)

Have a look what the booklet for  
HunterLab(97.2925, -15.9502,  
10.2816) contains.

<b>HunterLab(97.3047, -15.9190, 10.3925)</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(97.3047,  
-15.9190, 10.3925)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7FFEE
RGB	231, 255, 238
RGB Percent	91%, 100%, 93%
CMY	0.0941, 0.0000, 0.0667
CMYK	0.09, 0.00, 0.07, 0.00
HSL	138°, 100%, 95%
HSV	138°, 9%, 100%
XYZ	84.1477, 94.6820, 94.7294
YIQ	245.8860, -8.8470, -10.3750

# Conversions

## Conversions Part 2

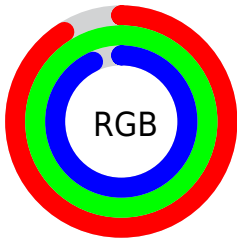
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	231, 250, 255
Decimal	15204334
CIE <sub>Lab</sub>	97.91, -10.87, 5.46
CIE <sub>LCh</sub>	98, 12.162, 153.322
Yxy	94.6824, 0.3076, 0.3461
Android (android.graphics.Color)	4293394414 (0xFFE7FFEE)
YUV	245.8860, -3.8878, -13.0550
Hunter-Lab	97.3047, -15.9190, 10.3925

# Details

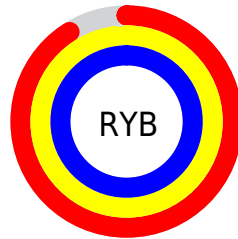
The HunterLab color  $97.3047, -15.9190, 10.3925$  is a light color, and the websafe version is hex  $CCFFFF$ . A complement of this color would be  $92.2985, 6.2658, -0.0635$ , and the grayscale version is  $95.9684, -5.1206, 5.2141$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $72.7183, -13.5643, 8.4876$  is the 20% darker color. If you saturate the color by 10%, you get  $94.7284, -26.3607, 15.5564$ , and if you desaturate by 10%, it is  $100.0000, -5.3358, 5.4332$ .

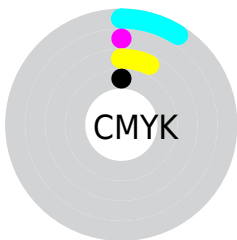
# Distribution



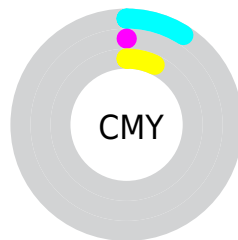
- Red (91%)
- Green (100%)
- Blue (93%)



- Red (91%)
- Yellow (98%)
- Blue (100%)



- Cyan (9%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)



- Cyan (9%)
- Magenta (0%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 97.3047, -15.9190, 10.3925 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 97.3047, -15.9190, 10.3925 by changing the saturation by 10% instead.



97.3047, -15.9190,  
10.3925

97.3047, -15.9190,  
10.3925

233.0553,  
-26.9335, 19.5879

84.7766, -14.7456,  
9.4680

124.0265,  
-18.2873, 12.2988

72.8375, -13.5785,  
8.5635

138.1760,  
-19.4866, 13.2819

61.5184, -12.4141,  
7.6780

152.8261,  
-20.6970, 14.2848

50.8552, -11.2482,  
6.8104

167.9602,  
-21.9191, 15.3071

40.8911, -10.0751,  
5.9591

183.5634,  
-23.1535, 16.3488

31.6791, -8.8858,  
5.1213

199.6218,

23.2864, -7.6661,

-24.4005, 17.4096

4.2916

216.1229,  
-25.6605, 18.4894

■ 15.8028, -6.3910,  
3.4602

■ 9.3556, -5.5611,  
2.9285

■ 97.3047, -15.9190,  
10.3925

■ 97.3047, -15.9190,  
10.3925

■ 94.7284, -26.3607,  
15.5564

100.0000, -5.3358,  
5.4332

■ 92.4565, -35.8651,  
20.5593

■ 90.4944, -44.3260,  
25.3417

■ 88.8434, -51.6549,  
29.8436

■ 87.4996, -57.7900,  
34.0070

■ 86.4532, -62.7039,  
37.7797

■ 85.6876, -66.4133,  
41.1177

■ 85.1777, -68.9865,  
43.9876

■ 84.8786, -70.5917,  
46.3602

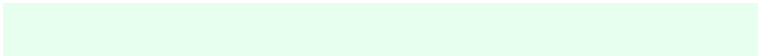
# Harmonies

## Analogous

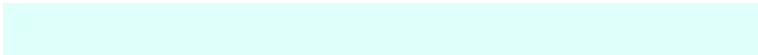
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97.3049, -11.8451, 14.5521



97.3047, -15.9190, 10.3925



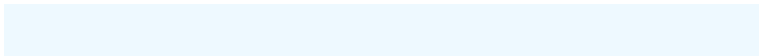
97.3049, -17.1440, 4.6179

# Triad

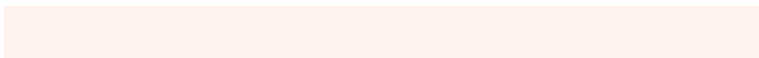
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



97.3049, -15.9181, 10.3918



97.3049, -4.4853, -7.0890



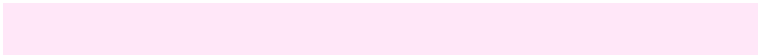
97.3049, 5.2674, 11.4918

# Complementary

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



97.3047, -15.9190, 10.3925



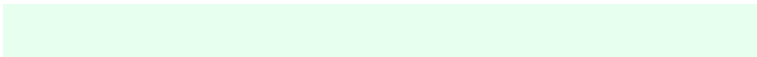
92.2985, 6.2658, -0.0635

# 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.



97.3049, 7.3554, 5.9704



97.3047, -15.9190, 10.3925



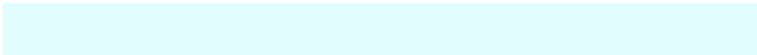
97.3049, 1.6342, -4.9682

# Square

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



97.3049, -15.9181, 10.3918



97.3049, -10.6441, -5.7187



97.3049, 6.0091, -0.0901



97.3049, 0.3723, 15.1579



# Rectangle

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



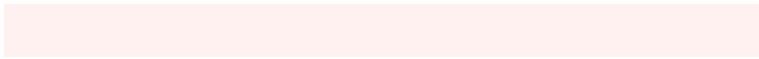
97.3047, -15.9190, 10.3925



97.3049, -16.2083, 0.5623



97.3049, 6.0091, -0.0901



97.3049, 6.3265, 9.8043

# Sweetspot

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



97.3049, -15.9181, 10.3918



99.1129, -8.7825, 7.0215



98.6320, -11.5981, 15.1270



45.7465, -4.4842, 3.4444

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

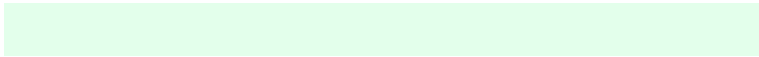


# Same Dimension

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



97.3049, -15.9181, 10.3918



96.8755, -17.6355, 11.2209



97.6723, -13.8686, 5.1407



45.0059, -7.4115, 4.8303



61.3630, -50.9698, 33.3307



19.1945, -15.6103, 9.7067



# Inverse Universe

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



92.2985, 6.2658, -0.0635



91.0357, 8.2467, -0.9741



91.9134, 4.1984, 5.4208



42.6670, 2.9527, -0.0542



35.8764, 66.3516, -14.8959

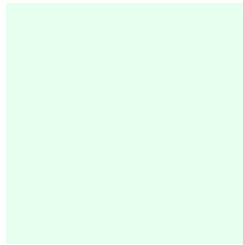


11.2795, 21.0068, -5.8138



# Previews

## White Background



This preview shows how the HunterLab color 97.3047, -15.9190, 10.3925 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

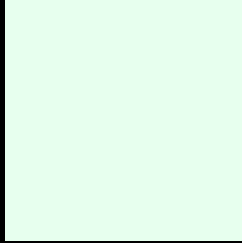
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 97.3047, -15.9190, 10.3925 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

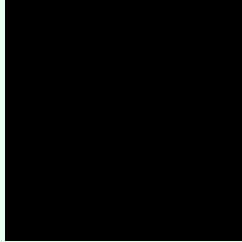
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

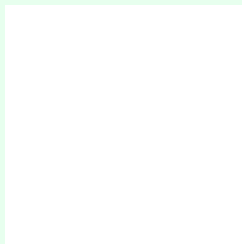
Any Text WCAG AAA ✓ Pass

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

## HunterLab 97.3047, -15.9190, 10.3925 Background



This preview shows how black text looks on a background with the HunterLab color 97.3047, -15.9190, 10.3925.



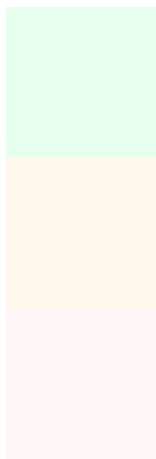
This preview shows how white text looks on a background with the HunterLab color 97.3047,

-15.9190,10.3925.

# 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

97.3047, -15.9190, 10.3925

### Protanopia

97.2159, -4.7053, 10.9575

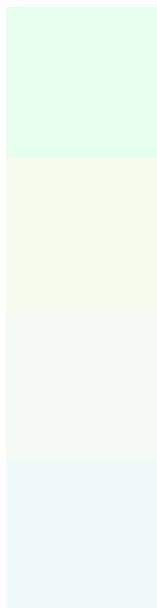
### Deuteranopia

97.2095, -2.4877, 6.1862

## **Tritanopia**

97.1513, -5.4226, 2.0316

# Trichromacy



## Original Color

97.3047, -15.9190, 10.3925

## Protanomaly

97.3148, -9.2730, 10.9882

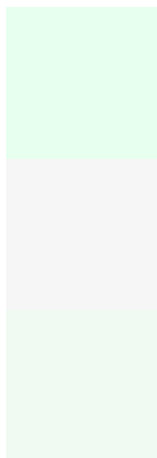
## Deuteranomaly

97.2089, -7.5691, 7.5650

## Tritanomaly

97.1387, -9.1470, 4.9938

# Monochromacy



## Original Color

97.3047, -15.9190, 10.3925

## Achromatopsia

95.9991, -5.1223, 5.2158

## Achromatomaly

96.3967, -8.8368, 7.0908

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 97.3047, -15.9190, 10.3925 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(231, 255, 238)` looks like.

```
.text, #text, p{  
    color:rgb(231, 255, 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(231, 255, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 255, 238) }
```

## Border

The CSS property to change the border of an element to HunterLab 97.3047, -15.9190, 10.3925 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(231, 255, 238) }
```



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

```
.border{ border-color:rgb(231, 255, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 255, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 255, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 255, 238);  
box-shadow:4px 4px 4px 4px rgb(231, 255,  
238) }
```

# Background

The CSS property to change the background color of an element to HunterLab 97.3047, -15.9190, 10.3925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 255, 238) }
```

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

```
.background{ background-color: rgb(231,  
255, 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](#).

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