

# Converting Colors

HunterLab(71.0763, 9.3863,  
17.8945)

Have a look what the booklet for  
HunterLab(71.0763, 9.3863,  
17.8945) contains.

<b>HunterLab(70.9999, 9.7138, 17.6548)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(70.9999, 9.7138,  
17.6548)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E2B29C
RGB	226, 178, 156
RGB Percent	89%, 70%, 61%
CMY	0.1137, 0.3019, 0.3882
CMYK	0.00, 0.21, 0.31, 0.11
HSL	19°, 55%, 75%
HSV	19°, 31%, 89%
XYZ	53.2852, 50.4099, 38.3741
YIQ	189.8440, 35.6700, 3.3340

# Conversions

## Conversions Part 2

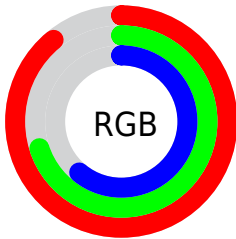
Format	Color
R <sub>Y</sub> B	226, 188, 156
Decimal	14856860
CIE Lab	76.32, 14.35, 17.90
CIE LCh	76, 22.941, 51.293
Yxy	50.4122, 0.3751, 0.3548
Android (android.graphics.Color)	4293046940 (0xFFE2B29C)
YUV	189.8440, -16.6851, 31.7088
Hunter-Lab	70.9999, 9.7138, 17.6548

# Details

The HunterLab color **70.9999, 9.7138, 17.6548** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **74.6611, -13.4360, -11.3678**, and the grayscale version is **71.7508, -3.8284, 3.8984**.

A 20% lighter version of the original color is **92.0917, -1.4056, 17.0448**, and **49.1143, 9.4364, 14.2957** is the 20% darker color. If you saturate the color by 10%, you get **66.2526, 15.0943, 21.1002**, and if you desaturate by 10%, it is **76.0061, 4.7085, 13.8135**.

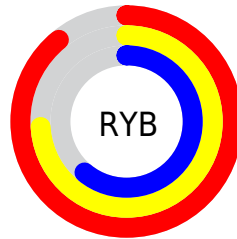
# Distribution



Red (89%)

Green (70%)

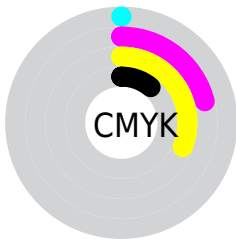
Blue (61%)



Red (89%)

Yellow (74%)

Blue (61%)

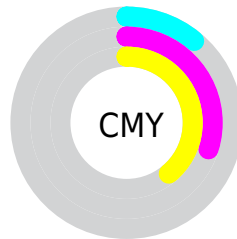


Cyan (0%)

Magenta (21%)

Yellow (31%)

Black (11%)



Cyan (11%)

Magenta (30%)


Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.9999, 9.7138, 17.6548 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 70.9999, 9.7138, 17.6548 by changing the saturation by 10% instead.




 70.9999, 9.7138,  
17.6548


 70.9999, 9.7138,  
17.6548


197.0471, 8.1200,  
31.2447

 59.7838, 9.6132,  
16.0933


 95.2813, 9.7110,  
20.7164

 49.2283, 9.4403,  
14.4964

 108.2848, 9.6242,  
22.2273

 39.3795, 9.1825,  
12.8505


121.8313, 9.4855,  
23.7315

 30.2924, 8.8269,  
11.1337

135.8999, 9.2984,  
25.2322

 22.0372, 8.3557,  
9.3116

150.4718, 9.0658,  
26.7320

 14.7079, 7.7440,  
7.4100

165.5303, 8.7904,

 8.3656, 7.2861,

28.2330

5.8559

181.0600, 8.4745,  
29.7367

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.9999, 9.7138,  
17.6548

■ 70.9999, 9.7138,  
17.6548

■ 66.2526, 15.0943,  
21.1002

■ 76.0061, 4.7085,  
13.8135

■ 61.7933, 20.8649,  
24.0673

■ 81.2372, 0.0646,  
9.6387

■ 57.6620, 27.0030,  
26.4656

■ 86.6697, -4.2499,  
5.1847

■ 53.9014, 33.4469,  
28.1973

■ 92.2825, -8.2666,  
0.4941

■ 50.5560, 40.0744,

■ 97.4211, -14.4267,

29.1735

2.2001

■ 47.6684, 46.6870,  
29.3437

■ 45.4762, 52.3800,  
28.9392

# Harmonies

## Analogous

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



71.0016, 16.6803, 10.6913



70.9999, 9.7138, 17.6548



71.0016, -0.6107, 20.7963

# Triad

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



71.0016, 9.7111, 17.6559



71.0016, -23.2343, 6.8001



71.0016, 3.9325, -17.1912

# Complementary

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



70.9999, 9.7138, 17.6548



74.6611, -13.4360, -11.3678

# 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.



71.0016, -6.9188, -18.6484



70.9999, 9.7138, 17.6548



71.0016, -22.1796, -3.7150

# Square

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



71.0016, 9.7111, 17.6559



71.0016, -19.3292, 15.1746



71.0016, -16.3563, -13.4049



71.0016, 13.2074, -9.6789



# Rectangle

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



70.9999, 9.7138, 17.6548



71.0016, -7.8260, 20.6820



71.0016, -16.3563, -13.4049



71.0016, 0.3335, -18.4459

# Sweetspot

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



71.0016, 9.7111, 17.6559



94.3276, -0.9003, 10.0988



66.5988, 28.9143, -9.8753



43.2239, -0.0719, 5.0105

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



71.0016, 9.7111, 17.6559



77.9628, 14.9567, 22.7826



81.0286, -7.6230, 26.7812



37.9475, -0.2854, 4.1496



34.6212, 38.7869, 22.0124



9.9377, 8.0137, 6.2638

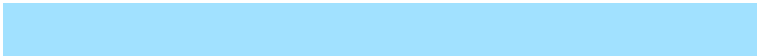


# Inverse Universe

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



74.6611, -13.4360, -11.3678



82.9431, -16.6823, -16.8111



64.2720, 3.6494, -26.7063



38.4805, -3.6319, -0.0611



40.8900, -7.7131, -34.4585



11.4764, -3.0865, -7.6816



# Previews

## White Background



This preview shows how the HunterLab color 70.9999, 9.7138, 17.6548 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 70.9999, 9.7138, 17.6548 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

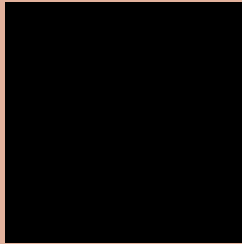
Any Text WCAG AA ✓ Pass

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 70.9999, 9.7138, 17.6548 Background



This preview shows how black text looks on a background with the HunterLab color 70.9999, 9.7138, 17.6548.



This preview shows how white text looks on a background with the HunterLab color 70.9999, 9.7138,

17.6548.

# 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

70.9999, 9.7138, 17.6548

### Protanopia

71.0953, -4.6433, 15.6080

### Deuteranopia

70.9364, 5.0846, 17.8807



## Tritanopia

71.0760, 17.3070, 4.8819

# Trichromacy



## Original Color

70.9999, 9.7138, 17.6548

## Protanomaly

70.8478, 0.5065, 16.2150

## Deuteranomaly

70.9797, 6.6971, 17.9514

## Tritanomaly

70.9144, 14.7475, 9.6140

# Monochromacy



## Original Color

70.9999, 9.7138, 17.6548

## Achromatopsia

71.7578, -3.8288, 3.8987

## Achromatomaly

71.4344, 0.4880, 9.0672

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 70.9999, 9.7138, 17.6548 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(226, 178, 156)` looks like.

```
.text, #text, p{  
    color:rgb(226, 178, 156)  
}
```

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(226, 178, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 178, 156) }
```

## Border

The CSS property to change the border of an element to HunterLab 70.9999, 9.7138, 17.6548 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(226, 178, 156) }
```



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

```
.border{ border-color:rgb(226, 178, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 178, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 178, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 178, 156);  
box-shadow:4px 4px 4px 4px rgb(226, 178,  
156) }
```

# Background

The CSS property to change the background color of an element to HunterLab 70.9999, 9.7138, 17.6548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 178, 156) }
```

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

```
.background{ background-color: rgb(226,  
178, 156) }
```

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