

# Converting Colors

HunterLab(88.1367, -10.7722,  
15.6867)

Have a look what the booklet for  
HunterLab(88.1367, -10.7722,  
15.6867) contains.

<b>HunterLab(88.1364, -10.7705, 15.6911)</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(88.1364,  
-10.7705, 15.6911)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E2E7CC
RGB	226, 231, 204
RGB Percent	89%, 91%, 80%
CMY	0.1137, 0.0941, 0.2000
CMYK	0.02, 0.00, 0.12, 0.09
HSL	71°, 36%, 85%
HSV	71°, 12%, 91%
XYZ	70.8391, 77.6803, 68.3869
YIQ	226.4270, 5.6870, -9.4570

# Conversions

## Conversions Part 2

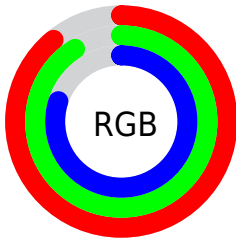
Format	Color
<a href="#">RYB</a>	<a href="#">204, 231, 209</a>
Decimal	<a href="#">14870476</a>
CIELab	<a href="#">90.64, -6.30, 12.57</a>
CIELCh	<a href="#">91, 14.065, 116.612</a>
Yxy	<a href="#">77.6836, 0.3266, 0.3581</a>
Android (android.graphics.Color)	<a href="#">4293060556</a> ( <a href="#">0xFFE2E7CC</a> )
YUV	<a href="#">226.4270, -11.0565, -0.3745</a>
Hunter-Lab	<a href="#">88.1364, -10.7705, 15.6911</a>

# Details

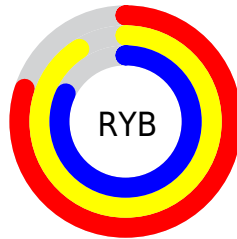
The HunterLab color  $88.1364, -10.7705, 15.6911$  is a light color, and the websafe version is hex  $FFFFCC$ . A complement of this color would be  $79.0650, 2.3192, -7.9357$ , and the grayscale version is  $87.4409, -4.6656, 4.7508$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $64.4359, -8.5216, 13.0061$  is the 20% darker color. If you saturate the color by 10%, you get  $87.1622, -15.4342, 23.7381$ , and if you desaturate by 10%, it is  $89.2056, -5.6739, 6.5178$ .

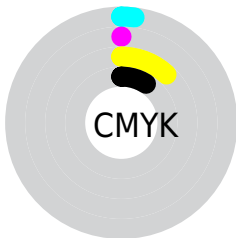
# Distribution



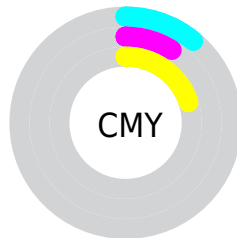
- Red (89%)
- Green (91%)
- Blue (80%)



- Red (80%)
- Yellow (91%)
- Blue (82%)



- Cyan (2%)
- Magenta (0%)
- Yellow (12%)
- Black (9%)



- Cyan (11%)
- Magenta (9%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 88.1364, -10.7705, 15.6911 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 88.1364, -10.7705, 15.6911 by changing the saturation by 10% instead.



■ 88.1364, -10.7705,  
15.6911

■ 88.1364, -10.7705,  
15.6911

220.7016,  
-20.0761, 27.2866

■ 76.0356, -9.8267,  
14.4352

114.0632,  
-12.7161, 18.2129

■ 64.5440, -8.8969,  
13.1756

127.8373,  
-13.7142, 19.4813

■ 53.6978, -7.9821,  
11.9083

142.1252,  
-14.7301, 20.7573

■ 43.5382, -7.0804,  
10.6257

156.9089,  
-15.7639, 22.0422

■ 34.1149, -6.1887,  
9.3168

172.1725,  
-16.8154, 23.3369

■ 25.4909, -5.3018,  
7.9639

187.9011,

■ 17.7486, -4.4103,

-17.8847, 24.6422

6.5373

204.0816,  
-18.9716, 25.9586

■ 11.0027, -3.4953,  
5.5312

■ 2.6521, -4.6412,  
1.8565

■ 88.1364, -10.7705,  
15.6911

■ 88.1364, -10.7705,  
15.6911

■ 87.1622, -15.4342,  
23.7381

■ 89.2056, -5.6739,  
6.5178

■ 86.2762, -19.6519,  
30.6509

■ 90.3647, -0.1482,  
-3.7708

■ 85.4784, -23.4240,  
36.4389

■ 90.9388, 2.1484,  
-5.6083

■ 84.7663, -26.7540,  
41.1237

■ 91.3521, 3.5511,  
-5.0501

■ 84.1365, -29.6520,  
44.7427

■ 91.7732, 4.9738,  
-4.4839

■ 83.5846, -32.1349,  
47.3514

■ 92.2021, 6.4162,  
-3.9101

■ 83.1050, -34.2289,  
49.0269

■ 92.5392, 7.5452,  
-3.4610

■ 82.6902, -35.9719,  
49.8755

■ 82.3838, -37.2149,  
50.1130

# Harmonies

## Analogous

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



88.1383, -3.8948, 16.8631



88.1364, -10.7705, 15.6911



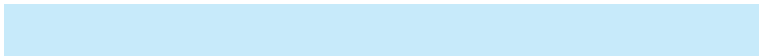
88.1383, -15.8790, 11.6855

# Triad

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



88.1383, -10.7727, 15.6923



88.1383, -12.1353, -6.8170



88.1383, 9.4186, 4.0224

# Complementary

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



88.1364, -10.7705, 15.6911



79.0650, 2.3192, -7.9357

# Split Complementary

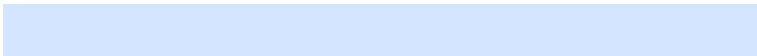
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.1383, 7.0496, -2.6953



88.1364, -10.7705, 15.6911



88.1383, -5.5174, -9.2588

# Square

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



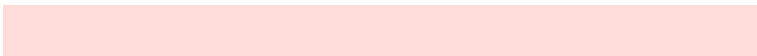
88.1383, -10.7727, 15.6923



88.1383, -16.6479, -1.2546



88.1383, 1.5262, -7.6942



88.1383, 7.9043, 10.4489



# Rectangle

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



88.1364, -10.7705, 15.6911



88.1383, -17.6682, 7.7680



88.1383, 1.5262, -7.6942



88.1383, 9.0482, 1.7201

# Sweetspot

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



88.1383, -10.7727, 15.6923



99.5005, -7.7203, 9.7965



81.8091, 2.2474, 9.0471



45.9909, -3.7752, 4.9015

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

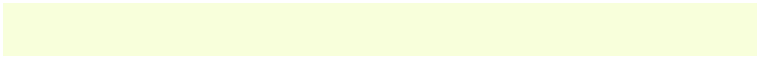


# Same Dimension

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



88.1383, -10.7727, 15.6923



98.3244, -13.3397, 19.8165



86.9449, -15.0363, 14.3548



40.8352, -4.4682, 6.3478



61.7235, -27.7045, 37.5487



16.8832, -7.1285, 10.2785



# Inverse Universe

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



79.0650, 2.3192, -7.9357



86.1365, 4.2638, -11.9694



80.3479, 6.6413, -6.1642



37.4366, 0.4320, -2.4927



18.8657, 49.4523, -120.7084

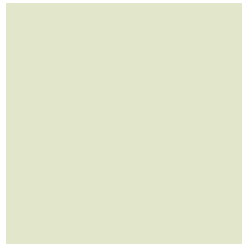


5.4773, 13.7437, -30.2868



# Previews

## White Background



This preview shows how the HunterLab color 88.1364, -10.7705, 15.6911 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

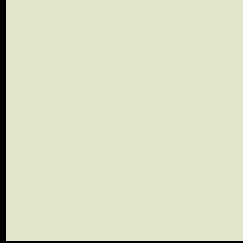
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 88.1364, -10.7705, 15.6911 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

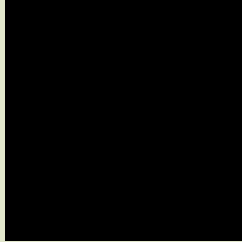
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

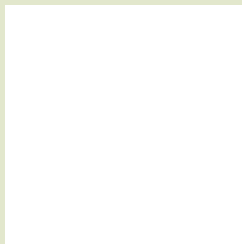
Any Text WCAG AAA ✓ Pass

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

## HunterLab 88.1364, -10.7705, 15.6911 Background



This preview shows how black text looks on a background with the HunterLab color 88.1364, -10.7705, 15.6911.



This preview shows how white text looks on a background with the HunterLab color 88.1364,

-10.7705,15.6911.

# 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

88.1364, -10.7705, 15.6911

### Protanopia

87.9657, -5.0176, 16.4543

### Deuteranopia

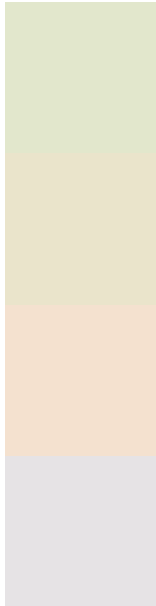
88.0774, 5.1675, 13.7574



## Tritanopia

88.0212, 0.8587, -2.8629

# Trichromacy



## Original Color

88.1364, -10.7705, 15.6911

## Protanomaly

87.9153, -6.7427, 15.9515

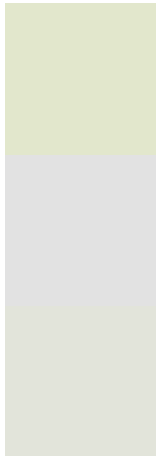
## Deuteranomaly

88.0843, -1.1576, 14.5225

## Tritanomaly

87.9877, -3.3580, 4.2076

# Monochromacy



## Original Color

88.1364, -10.7705, 15.6911

## Achromatopsia

87.2081, -4.6532, 4.7382

## Achromatomaly

87.5885, -7.0328, 8.9490

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 88.1364, -10.7705, 15.6911 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, 231, 204)` looks like.

```
.text, #text, p{  
    color:rgb(226, 231, 204)  
}
```

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, 231, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 231, 204) }
```

## Border

The CSS property to change the border of an element to HunterLab 88.1364, -10.7705, 15.6911 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, 231, 204) }
```



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

```
.border{ border-color:rgb(226, 231, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 231, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 231, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 231, 204);  
box-shadow:4px 4px 4px 4px rgb(226, 231,  
204) }
```

# Background

The CSS property to change the background color of an element to HunterLab 88.1364, -10.7705, 15.6911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 231, 204) }
```

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

```
.background{ background-color: rgb(226,  
231, 204) }
```

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