

Converting Colors

HunterLab(86.4013, -37.6888,
32.4888)

Have a look what the booklet for
HunterLab(86.4013, -37.6888,
32.4888) contains.

HunterLab(86.5174, -37.8956, 32.5840)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(86.5174,
-37.8956, 32.5840)**

Conversions

Conversions Part 1

Format	Color
Hex	AFF297
RGB	175, 242, 151
RGB Percent	69%, 95%, 59%
CMY	0.3137, 0.0510, 0.4078
CMYK	0.28, 0.00, 0.38, 0.05
HSL	104°, 78%, 77%
HSV	104°, 38%, 95%
XYZ	55.0172, 74.8526, 40.8264
YIQ	211.5930, -10.7210, -42.5050

Conversions

Conversions Part 2

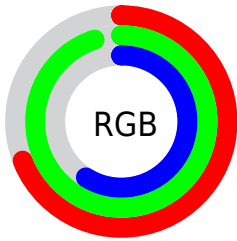
Format	Color
RYB	151, 242, 218
Decimal	11530903
CIELab	89.33, -37.28, 37.37
CIELCh	89, 52.791, 134.931
Yxy	74.8558, 0.3223, 0.4385
Android (android.graphics.Color)	4289720983 (0xFFAFF297)
YUV	211.5930, -29.8723, -32.0921
Hunter-Lab	86.5174, -37.8956, 32.5840

Details

The HunterLab color $86.5174, -37.8956, 32.5840$ is a light color, and the websafe version is hex $CCFF99$. A complement of this color would be $65.9179, 36.3150, -34.3075$, and the grayscale version is $81.0944, -4.3270, 4.4060$.

A 20% lighter version of the original color is $96.5049, -20.5803, 23.2308$, and $62.9221, -32.5349, 27.0797$ is the 20% darker color. If you saturate the color by 10%, you get $84.9829, -44.7245, 37.6219$, and if you desaturate by 10%, it is $88.2747, -30.2071, 26.5548$.

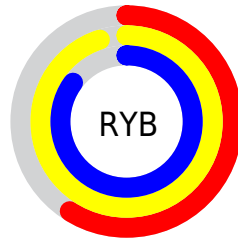
Distribution



Red (69%)

Green (95%)

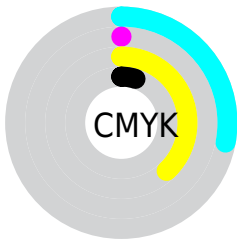
Blue (59%)



Red (59%)

Yellow (95%)

Blue (85%)

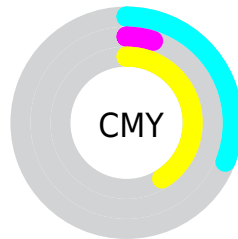


Cyan (28%)

Magenta (0%)

Yellow (38%)

Black (5%)



Cyan (31%)


Magenta (5%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 86.5174, -37.8956, 32.5840 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 86.5174, -37.8956, 32.5840 by changing the saturation by 10% instead.


 86.5174, -37.8956,
32.5840

 86.5174, -37.8956,
32.5840


218.4999,
-58.7710, 53.8373

 74.4948, -35.3567,
29.9679


 112.2979,
-42.7874, 37.5991

 63.0857, -32.7319,
27.2556


 126.0033,
-45.1588, 40.0214

 52.3269, -30.0011,
24.4246


140.2250,
-47.4921, 42.3994

 42.2607, -27.1339,
21.4441

154.9447,
-49.7936, 44.7404

 32.9382, -24.0859,
18.2731

170.1463,
-52.0682, 47.0502

 24.4245, -20.7893,
14.8592

185.8148,

 16.8052, -17.1320,


-54.3204, 49.3336


11.7636


201.9368,
-56.5537, 51.5948


 10.2011, -16.6082,
7.1408


0.0000, NaN, NaN


 86.5174, -37.8956,
32.5840


 86.5174, -37.8956,
32.5840


 84.9829, -44.7245,
37.6219


 88.2747, -30.2071,
26.5548


 83.6654, -50.6413,
41.6483

 90.2469, -21.7142,
19.5697

 82.5637, -55.6188,
44.6714

 92.4318, -12.4882,
11.6824

 81.6714, -59.6511,
46.7297

 94.8236, -2.6031,
2.9556

■ 80.9785, -62.7608,
47.9005

■ 95.9100, 1.6006,
0.6424

■ 80.4687, -65.0103,
48.3236

■ 80.3687, -65.4500,
48.3770

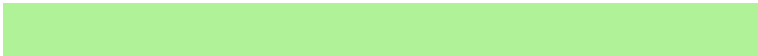
Harmonies

Analogous

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



86.5193, -17.4234, 39.7936



86.5174, -37.8956, 32.5840



86.5193, -48.7229, 16.4407

Triad

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



86.5193, -37.8974, 32.5848



86.5193, -17.5356, -56.7665



86.5193, 50.6244, 16.3436

Complementary

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



86.5174, -37.8956, 32.5840



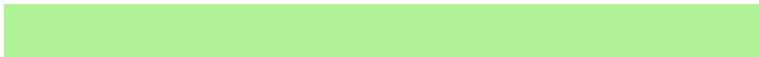
65.9179, 36.3150, -34.3075

Split Complementary

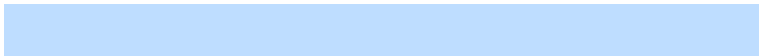
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.5193, 50.5849, -8.9361



86.5174, -37.8956, 32.5840



86.5193, 8.9718, -56.8164

Square

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



86.5193, -37.8974, 32.5848



86.5193, -37.9710, -37.2402



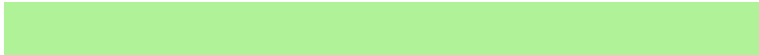
86.5193, 34.5954, -37.3609



86.5193, 34.6977, 32.5323

Rectangle

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



86.5174, -37.8956, 32.5840



86.5193, -49.9562, 0.4170



86.5193, 34.5954, -37.3609



86.5193, 52.5351, 8.7927

Sweetspot

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



86.5193, -37.8974, 32.5848



97.2700, -16.6909, 15.3700



84.3324, -5.3248, 31.2872



44.8544, -8.3422, 7.6427

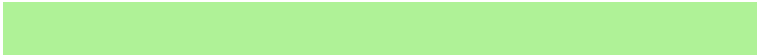
0.0000, NaN, NaN



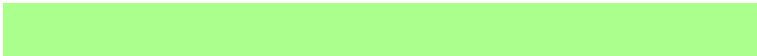
46.2646, -2.4686, 2.5136

Same Dimension

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



86.5193, -37.8974, 32.5848



90.5670, -45.7555, 38.7000



85.4837, -41.0439, 24.8030



42.2586, -6.5512, 6.0724



58.9522, -47.7677, 35.4898



17.1403, -13.2008, 10.3306

Inverse Universe

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



65.9179, 36.3150, -34.3075



64.8190, 47.4860, -45.7653



67.9857, 40.4157, -16.9179



39.7612, 2.3538, -1.8837



29.3429, 61.9871, -72.0188



8.7421, 18.2483, -19.7554

Previews

White Background



This preview shows how the HunterLab color 86.5174, -37.8956, 32.5840 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 86.5174, -37.8956, 32.5840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

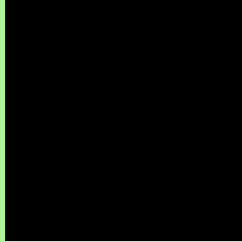
Any Text WCAG AA ✓ Pass

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 86.5174, -37.8956, 32.5840 Background



This preview shows how black text looks on a background with the HunterLab color 86.5174, -37.8956, 32.5840.



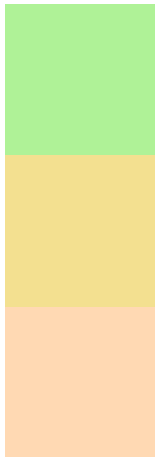
This preview shows how white text looks on a background with the HunterLab color 86.5174,

-37.8956, 32.5840.

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

86.5174, -37.8956, 32.5840

Protanopia

86.2436, -8.8363, 34.8489

Deuteranopia

86.1048, 3.1156, 23.7455



Tritanopia

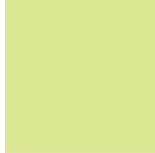
86.3189, -12.7529, -8.5931

Trichromacy



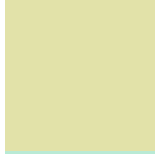
Original Color

86.5174, -37.8956, 32.5840



Protanomaly

86.1184, -20.6316, 33.7002



Deuteranomaly

85.6890, -13.0497, 26.6007



Tritanomaly

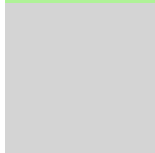
86.0023, -22.9825, 9.1936

Monochromacy



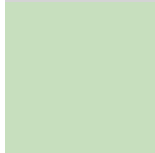
Original Color

86.5174, -37.8956, 32.5840



Achromatopsia

81.1403, -4.3294, 4.4085



Achromatomaly

82.8463, -17.3536, 15.8821

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 86.5174, -37.8956, 32.5840 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(175, 242, 151)` looks like.

```
.text, #text, p{  
    color:rgb(175, 242, 151)  
}
```

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(175, 242, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 242, 151) }
```

Border

The CSS property to change the border of an element to HunterLab 86.5174, -37.8956, 32.5840 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(175, 242, 151) }
```


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

```
.border{ border-color:rgb(175, 242, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 242, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 242, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 242, 151);  
box-shadow:4px 4px 4px 4px rgb(175, 242,  
151) }
```

Background

The CSS property to change the background color of an element to HunterLab 86.5174, -37.8956, 32.5840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 242, 151) }
```

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

```
.background{ background-color: rgb(175,  
242, 151) }
```

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](#).

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