

Converting Colors

HunterLab(87.0306, -16.0344,
24.9979)

Have a look what the booklet for
HunterLab(87.0306, -16.0344,
24.9979) contains.

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Color

**HunterLab(87.0048,
-16.1739, 24.9836)**

Conversions

Conversions Part 1

Format	Color
Hex	DDE7B1
RGB	221, 231, 177
RGB Percent	87%, 91%, 69%
CMY	0.1333, 0.0941, 0.3059
CMYK	0.04, 0.00, 0.23, 0.09
HSL	71°, 53%, 80%
HSV	71°, 23%, 91%
XYZ	66.3306, 75.6984, 52.7103
YIQ	221.8540, 11.3740, -18.9140

Conversions

Conversions Part 2

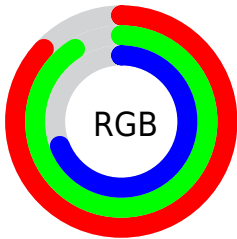
Format	Color
RYB	177, 231, 187
Decimal	14542769
CIELab	89.72, -12.19, 25.24
CIELCh	90, 28.025, 115.776
Yxy	75.7017, 0.3406, 0.3887
Android (android.graphics.Color)	4292732849 (0xFFDDE7B1)
YUV	221.8540, -22.1130, -0.7490
Hunter-Lab	87.0048, -16.1739, 24.9836

Details

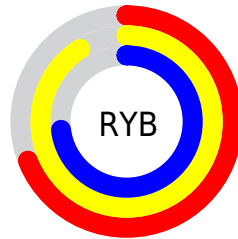
The HunterLab color $87.0048, -16.1739, 24.9836$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $69.1236, 9.8094, -22.0845$, and the grayscale version is $85.4947, -4.5618, 4.6451$.

A 20% lighter version of the original color is $99.3293, -9.0223, 15.0326$, and $63.3360, -13.6486, 20.9378$ is the 20% darker color. If you saturate the color by 10%, you get $86.1358, -20.3182, 31.7068$, and if you desaturate by 10%, it is $87.9674, -11.5898, 17.1300$.

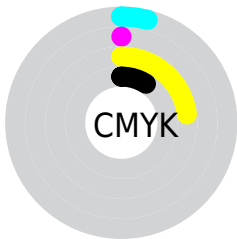
Distribution



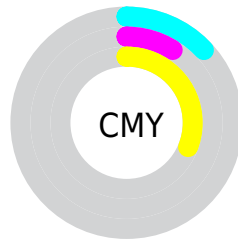
- Red (87%)
- Green (91%)
- Blue (69%)



- Red (69%)
- Yellow (91%)
- Blue (73%)



- Cyan (4%)
- Magenta (0%)
- Yellow (23%)
- Black (9%)



- Cyan (13%)
- Magenta (9%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.0048, -16.1739, 24.9836 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 87.0048, -16.1739, 24.9836 by changing the saturation by 10% instead.

87.0048, -16.1739,
24.9836

87.0048, -16.1739,
24.9836

219.1634,
-27.5880, 41.3577

74.9586, -14.9430,
23.0575

112.8296,
-18.6528, 28.7354

63.5245, -13.7092,
21.0822

126.5558,
-19.9004, 30.5737

52.7393, -12.4701,
19.0440

140.7974,
-21.1562, 32.3946

42.6448, -11.2193,
16.9228

155.5365,
-22.4213, 34.2022

33.2918, -9.9471,
14.6896

170.7568,
-23.6964, 35.9997

24.7447, -8.6382,
12.3015

186.4435,

17.0880, -7.2662,

-24.9822, 37.7900

9.8354

202.5832,
-26.2793, 39.5754

■ 10.4409, -5.8709,
7.3086

0.0000, NaN, NaN

■ 87.0048, -16.1739,
24.9836

■ 87.0048, -16.1739,
24.9836

■ 86.1358, -20.3182,
31.7068

■ 87.9674, -11.5898,
17.1300

■ 85.3528, -24.0148,
37.3067

■ 89.0191, -6.5647,
8.1451

■ 84.6550, -27.2707,
41.8086

■ 90.1626, -1.1106,
-1.9571

■ 84.0388, -30.0967,
45.2527

■ 90.8696, 1.9129,
-5.7021

83.4997, -32.5114,
47.6978

91.2815, 3.3116,
-5.1453

83.0317, -34.5427,
49.2254

91.7011, 4.7305,
-4.5807

82.6270, -36.2310,
49.9477

92.1285, 6.1691,
-4.0083

82.3850, -37.2106,
50.1138

92.5392, 7.5451,
-3.4610

Harmonies

Analogous

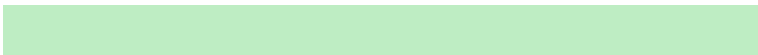
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.0067, -2.6321, 26.8138



87.0048, -16.1739, 24.9836



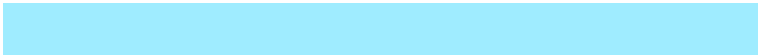
87.0067, -26.0401, 18.0833

Triad

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



87.0067, -16.1762, 24.9846



87.0067, -19.4408, -19.5239



87.0067, 24.2131, 2.8061

Complementary

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



87.0048, -16.1739, 24.9836



69.1236, 9.8094, -22.0845

Split Complementary

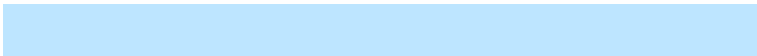
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.0067, 19.0360, -11.1313



87.0048, -16.1739, 24.9836



87.0067, -6.6440, -25.2649

Square

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



87.0067, -16.1762, 24.9846



87.0067, -27.8386, -7.2999



87.0067, 7.5154, -21.9725



87.0067, 21.2607, 15.2655

Rectangle

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



87.0048, -16.1739, 24.9836



87.0067, -29.5041, 10.8643



87.0067, 7.5154, -21.9725



87.0067, 23.3573, -1.8732

Sweetspot

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



87.0067, -16.1762, 24.9846



99.1370, -9.4574, 12.9363



74.6081, 9.7383, 13.0878



45.8320, -4.5347, 6.2708

0.0000, NaN, NaN



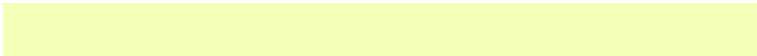
46.2646, -2.4686, 2.5136

Same Dimension

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



87.0067, -16.1762, 24.9846



96.8508, -20.3694, 31.6961



84.7422, -24.4682, 22.6867



40.8352, -4.4680, 6.3479



61.7244, -27.7013, 37.5493



16.8834, -7.1277, 10.2787

Inverse Universe

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



69.1236, 9.8094, -22.0845



72.9261, 14.5616, -31.7259



71.7612, 18.3170, -17.9266



37.4365, 0.4318, -2.4928



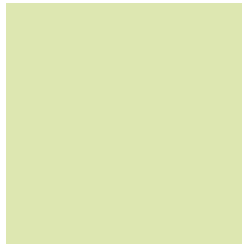
18.8652, 49.4519, -120.7122



5.4771, 13.7435, -30.2881

Previews

White Background



This preview shows how the HunterLab color 87.0048, -16.1739, 24.9836 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 87.0048, -16.1739, 24.9836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

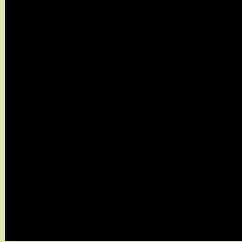
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

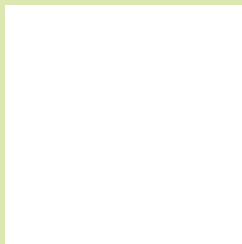
Any Text WCAG AAA ✓ Pass

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

HunterLab 87.0048, -16.1739, 24.9836 Background



This preview shows how black text looks on a background with the HunterLab color 87.0048, -16.1739, 24.9836.



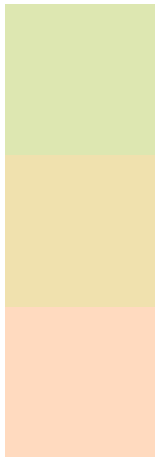
This preview shows how white text looks on a background with the HunterLab color 87.0048,

-16.1739, 24.9836.

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

87.0048, -16.1739, 24.9836

Protanopia

86.8514, -7.0952, 26.0565

Deuteranopia

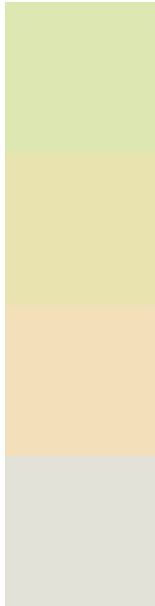
86.6974, 4.1688, 19.7873



Tritanopia

87.1146, 0.7118, -2.4150

Trichromacy



Original Color

87.0048, -16.1739, 24.9836

Protanomaly

86.8084, -10.4214, 25.6078

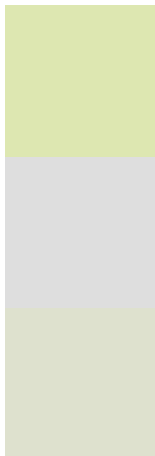
Deuteranomaly

86.8189, -3.4634, 21.7123

Tritanomaly

87.0249, -5.8439, 8.7977

Monochromacy



Original Color

87.0048, -16.1739, 24.9836

Achromatopsia

85.4670, -4.5603, 4.6436

Achromatomaly

85.9280, -8.7216, 12.5052

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.0048, -16.1739, 24.9836 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(221, 231, 177)` looks like.

```
.text, #text, p{  
    color:rgb(221, 231, 177)  
}
```

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(221, 231, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 231, 177) }
```

Border

The CSS property to change the border of an element to HunterLab 87.0048, -16.1739, 24.9836 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(221, 231, 177) }
```


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

```
.border{ border-color:rgb(221, 231, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 231, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 231, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 231, 177);  
box-shadow:4px 4px 4px 4px rgb(221, 231,  
177) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.0048, -16.1739, 24.9836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 231, 177) }
```

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

```
.background{ background-color: rgb(221,  
231, 177) }
```

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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