

Converting Colors

HunterLab(84.0392, -15.6999,
-17.8258)

Have a look what the booklet for
HunterLab(84.0392, -15.6999,
-17.8258) contains.

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Color

**HunterLab(83.7601,
-16.5068, -15.6450)**

Conversions

Conversions Part 1

Format	Color
Hex	A5E3FF
RGB	165, 227, 255
RGB Percent	65%, 89%, 100%
CMY	0.3529, 0.1098, 0.0000
CMYK	0.35, 0.11, 0.00, 0.00
HSL	199°, 100%, 82%
HSV	199°, 35%, 100%
XYZ	61.0362, 70.1575, 104.9326
YIQ	211.6540, -45.9400, -4.4360

Conversions

Conversions Part 2

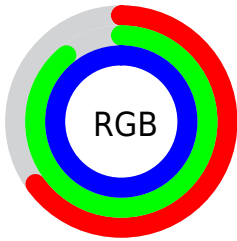
Format	Color
RYB	165, 202, 255
Decimal	10871807
CIELab	87.08, -12.91, -19.84
CIELCh	87, 23.668, 236.936
Yxy	70.1602, 0.2585, 0.2971
Android (android.graphics.Color)	4289061887 (0xFFA5E3FF)
YUV	211.6540, 21.3696, -40.9156
Hunter-Lab	83.7601, -16.5068, -15.6450

Details

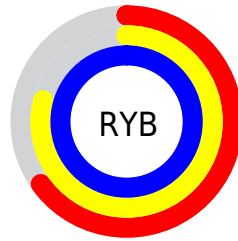
The HunterLab color **83.7601, -16.5068, -15.6450** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **78.8141, 14.0490, 22.0304**, and the grayscale version is **80.9179, -4.3176, 4.3964**.

A 20% lighter version of the original color is **97.0925, -15.6029, 1.7822**, and **60.7431, -14.0989, -14.9652** is the 20% darker color. If you saturate the color by 10%, you get **79.6573, -18.0986, -21.6502**, and if you desaturate by 10%, it is **88.0980, -14.1612, -9.6334**.

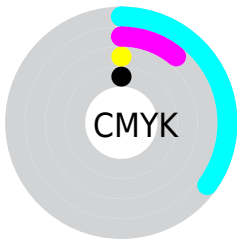
Distribution



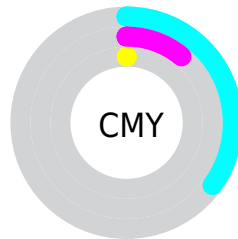
- Red (65%)
- Green (89%)
- Blue (100%)



- Red (65%)
- Yellow (79%)
- Blue (100%)



- Cyan (35%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (35%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.7601, -16.5068, -15.6450 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 83.7601, -16.5068, -15.6450 by changing the saturation by 10% instead.

83.7601, -16.5068,
-15.6450

83.7601, -16.5068,
-15.6450

214.7353,
-28.1658, -14.5978

71.8729, -15.2383,
-15.5074

109.2873,
-19.0499, -15.7430

60.6068, -13.9646,
-15.3108

122.8739,
-20.3272, -15.7143

50.0000, -12.6816,
-15.0496

136.9810,
-21.6111, -15.6369

40.0962, -11.3813,
-14.7216

151.5902,
-22.9029, -15.5131

30.9494, -10.0520,
-14.3276

166.6846,
-24.2035, -15.3454

22.6285, -8.6745,
-13.8774

182.2493,

15.2255, -7.2156,

-25.5138, -15.1357

-13.4089

198.2704,
-26.8344, -14.8859

■ 8.8504, -6.8304,
-13.1280

0.0000, NaN, -NF

■ 83.7601, -16.5068,
-15.6450

■ 83.7601, -16.5068,
-15.6450

■ 79.6573, -18.0986,
-21.6502

■ 88.0980, -14.1612,
-9.6334

■ 75.7993, -18.8627,
-27.6250

■ 92.6512, -11.1312,
-3.6457

■ 72.2003, -18.7390,
-33.5292

■ 97.4064, -7.4887,
2.3038

■ 68.8695, -17.6850,
-39.3208

100.0000, -5.3358,
5.4332

■ 65.8091, -15.6918,
-44.9592

■ 63.0100, -12.8053,
-50.4200

■ 61.7602, -11.2248,
-52.9639

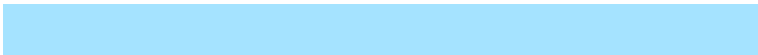
Harmonies

Analogous

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



83.7617, -23.7749, -5.8297



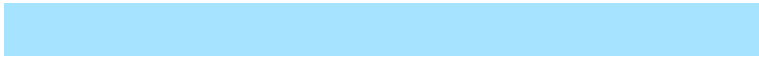
83.7601, -16.5068, -15.6450



83.7617, -5.6843, -20.0107

Triad

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



83.7617, -16.5079, -15.6427



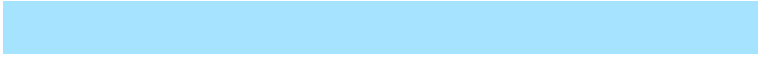
83.7617, 19.4329, 3.3963



83.7617, -14.5156, 21.6239

Complementary

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



83.7601, -16.5068, -15.6450



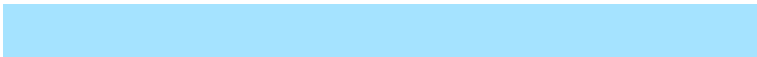
78.8141, 14.0490, 22.0304

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.



83.7617, -3.2564, 23.3913



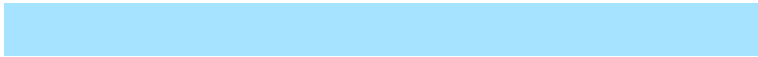
83.7601, -16.5068, -15.6450



83.7617, 16.7505, 13.7676

Square

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



83.7617, -16.5079, -15.6427



83.7617, 15.4221, -8.1048



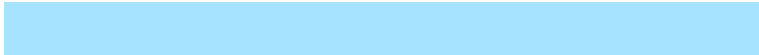
83.7617, 8.2806, 20.7197



83.7617, -22.6702, 15.5107

Rectangle

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



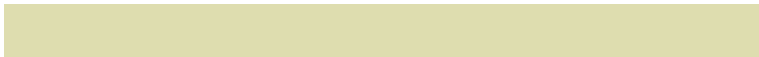
83.7601, -16.5068, -15.6450



83.7617, 2.2453, -18.8533



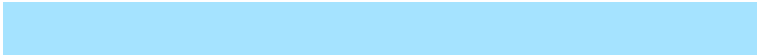
83.7617, 8.2806, 20.7197



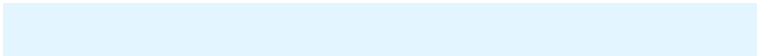
83.7617, -10.9876, 22.7057

Sweetspot

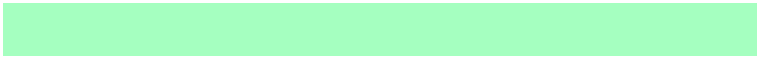
The Sweet Spot groups the original color and five complimentary colors.



83.7617, -16.5079, -15.6427



94.6685, -9.6387, -1.0864



91.2829, -40.8675, 23.1406



43.5014, -4.6829, -0.8762

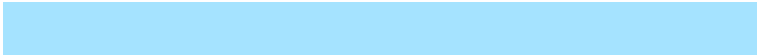
0.0000, NaN, NaN



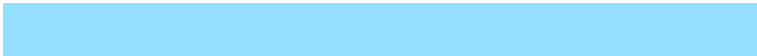
46.2646, -2.4686, 2.5136

Same Dimension

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



83.7617, -16.5079, -15.6427



80.9822, -17.6628, -19.6742



70.0629, 6.0546, -36.7824



44.1271, -4.2069, -0.0910



44.9545, -8.5888, -37.6484



14.7059, -3.6931, -10.4087

Inverse Universe

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



73.2926, 38.7159, -12.9509



69.0401, 47.1220, -15.7896



91.9487, -8.8747, 33.5480



42.6597, 2.9136, 0.0496



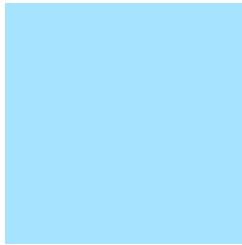
35.7324, 65.8364, -12.9058



11.2377, 20.8577, -5.2400

Previews

White Background



This preview shows how the HunterLab color 83.7601, -16.5068, -15.6450 looks on a white background.

Color Contrast Check

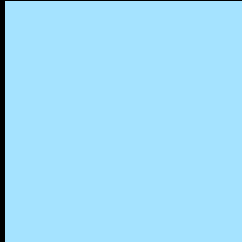
Large Text (above 18pt) WCAG AA × Fail

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 83.7601, -16.5068, -15.6450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

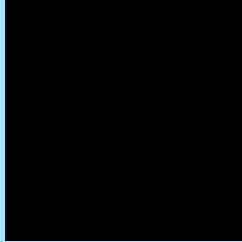
Any Text WCAG AA ✓ Pass

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 83.7601, -16.5068, -15.6450 Background



This preview shows how black text looks on a background with the HunterLab color 83.7601, -16.5068, -15.6450.



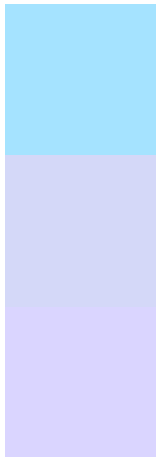
This preview shows how white text looks on a background with the HunterLab color 83.7601, -16.5068, -15.6450.

-16.5068, -15.6450.

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

83.7601, -16.5068, -15.6450

Protanopia

83.5979, 0.2877, -11.4667

Deuteranopia

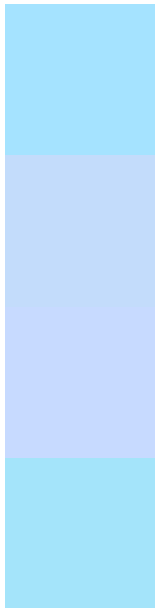
83.4949, 5.1537, -15.6419



Tritanopia

83.6593, -19.1607, -11.1482

Trichromacy



Original Color

83.7601, -16.5068, -15.6450

Protanomaly

83.5186, -6.1432, -13.4343

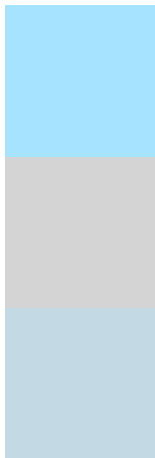
Deuteranomaly

83.3696, -3.1420, -15.9653

Tritanomaly

83.8340, -18.3001, -12.6259

Monochromacy



Original Color

83.7601, -16.5068, -15.6450

Achromatopsia

81.1403, -4.3294, 4.4085

Achromatomaly

81.7492, -9.1636, -3.0207

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.7601, -16.5068, -15.6450 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(165, 227, 255)` looks like.

```
.text, #text, p{  
    color:rgb(165, 227, 255)  
}
```

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(165, 227, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 227, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 83.7601, -16.5068, -15.6450 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(165, 227, 255) }
```


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

```
.border{ border-color:rgb(165, 227, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 227, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 227, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 227, 255);  
box-shadow:4px 4px 4px 4px rgb(165, 227,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.7601, -16.5068, -15.6450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 227, 255) }
```

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

```
.background{ background-color: rgb(165,  
227, 255) }
```

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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