

Converting Colors

HunterLab(86.6393, -2.9993,
-51.3155)

Have a look what the booklet for
HunterLab(86.6393, -2.9993,
-51.3155) contains.

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Color

**HunterLab(83.9603,
-17.4618, -15.3786)**

Conversions

Conversions Part 1

Format	Color
Hex	A3E4FF
RGB	163, 228, 255
RGB Percent	64%, 89%, 100%
CMY	0.3608, 0.1059, 0.0000
CMYK	0.36, 0.11, 0.00, 0.00
HSL	198°, 100%, 82%
HSV	198°, 36%, 100%
XYZ	60.8977, 70.4933, 105.0046
YIQ	211.6430, -47.4070, -5.3830

Conversions

Conversions Part 2

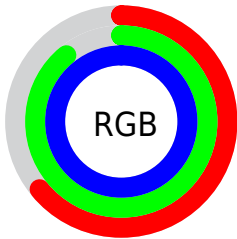
Format	Color
R _Y B	163, 201, 255
Decimal	10740991
CIE Lab	87.24, -13.95, -19.60
CIE LCh	87, 24.054, 234.562
Yxy	70.4960, 0.2576, 0.2982
Android (android.graphics.Color)	4288931071 (0xFFA3E4FF)
YUV	211.6430, 21.3750, -42.6599
Hunter-Lab	83.9603, -17.4618, -15.3786

Details

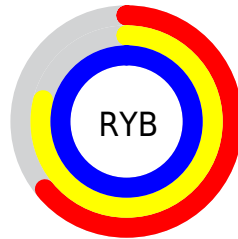
The HunterLab color **83.9603, -17.4618, -15.3786** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **77.9304, 15.4015, 21.9263**, and the grayscale version is **80.9136, -4.3173, 4.3962**.

A 20% lighter version of the original color is **96.9307, -16.1836, 1.5758**, and **60.9017, -15.1322, -14.7498** is the 20% darker color. If you saturate the color by 10%, you get **80.0259, -19.1963, -21.1180**, and if you desaturate by 10%, it is **88.1314, -14.9616, -9.6027**.

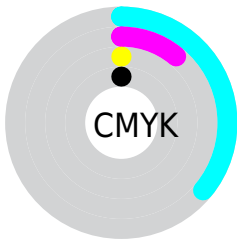
Distribution



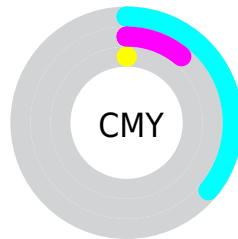
- Red (64%)
- Green (89%)
- Blue (100%)



- Red (64%)
- Yellow (79%)
- Blue (100%)



- Cyan (36%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (36%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.9603, -17.4618, -15.3786 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 83.9603, -17.4618, -15.3786 by changing the saturation by 10% instead.

83.9603, -17.4618,
-15.3786

83.9603, -17.4618,
-15.3786

215.0092,
-29.5031, -14.2592

72.0632, -16.1409,
-15.2499

109.5061,
-20.1017, -15.4595

60.7866, -14.8119,
-15.0621

123.1013,
-21.4243, -15.4224

50.1686, -13.4696,
-14.8098

137.2169,
-22.7517, -15.3368

40.2528, -12.1055,
-14.4904

151.8341,
-24.0854, -15.2050

31.0931, -10.7063,
-14.1043

166.9364,
-25.4266, -15.0295

22.7580, -9.2511,
-13.6603

182.5087,

15.3390, -7.7034,

-26.7761, -14.8121

-13.1935

198.5372,
-28.1347, -14.5548

■ 8.9524, -7.2667,
-12.8797

0.0000, NaN, -NF

■ 83.9603, -17.4618,
-15.3786

■ 83.9603, -17.4618,
-15.3786

■ 80.0259, -19.1963,
-21.1180

■ 88.1314, -14.9616,
-9.6027

■ 76.3366, -20.0948,
-26.7946

■ 92.5202, -11.7633,
-3.8232

■ 72.9049, -20.1021,
-32.3682

■ 97.1141, -7.9381,
1.9425

■ 69.7377, -19.1829,
-37.7979

100.0000, -5.3358,
5.4332

■ 66.8349, -17.3369,
-43.0479

■ 64.1837, -14.6202,
-48.1006

■ 63.1914, -13.3972,
-50.0630

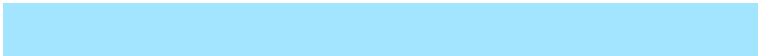
Harmonies

Analogous

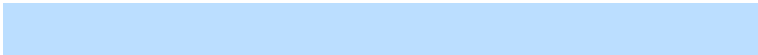
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.9619, -24.4780, -5.0865



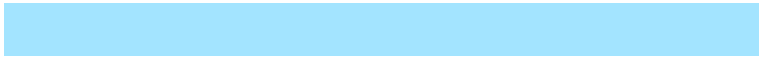
83.9603, -17.4618, -15.3786



83.9619, -6.6625, -20.3797

Triad

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



83.9619, -17.4629, -15.3764



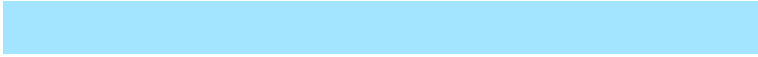
83.9619, 19.7708, 2.4609



83.9619, -13.8723, 22.2003

Complementary

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



83.9603, -17.4618, -15.3786



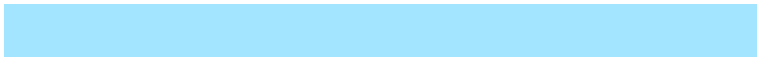
77.9304, 15.4015, 21.9263

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.



83.9619, -2.2840, 23.6346



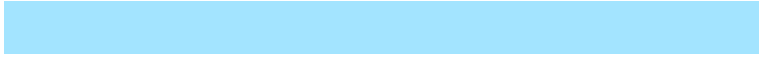
83.9603, -17.4618, -15.3786



83.9619, 17.5748, 13.2009

Square

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



83.9619, -17.4629, -15.3764



83.9619, 15.1768, -9.1953



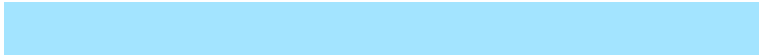
83.9619, 9.3335, 20.5747



83.9619, -22.4881, 16.3392

Rectangle

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



83.9603, -17.4618, -15.3786



83.9619, 1.4026, -19.6010



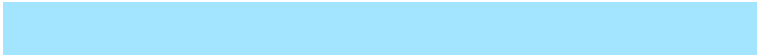
83.9619, 9.3335, 20.5747



83.9619, -10.2137, 23.1780

Sweetspot

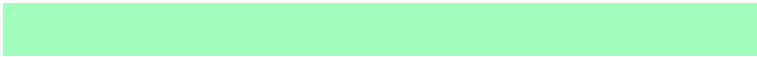
The Sweet Spot groups the original color and five complimentary colors.



83.9619, -17.4629, -15.3764



94.8277, -9.8954, -0.8933



91.0956, -41.7349, 24.0414



43.5842, -4.8159, -0.7751

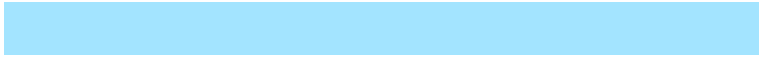
0.0000, NaN, NaN



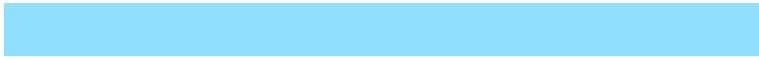
46.2646, -2.4686, 2.5136

Same Dimension

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



83.9619, -17.4629, -15.3764



81.2112, -18.7489, -19.3567



69.8912, 5.5818, -37.0932



44.1907, -4.3098, -0.0145



45.9743, -10.1278, -35.6008



14.9912, -4.1075, -9.8708

Inverse Universe

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



72.8406, 40.0051, -14.1623



68.5099, 48.7186, -17.2405



91.3016, -8.1065, 33.6150



42.6663, 2.9491, -0.0448



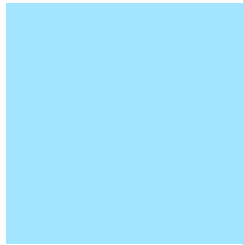
35.8632, 66.3044, -14.7134



11.2757, 20.9931, -5.7613

Previews

White Background



This preview shows how the HunterLab color 83.9603, -17.4618, -15.3786 looks on a white background.

Color Contrast Check

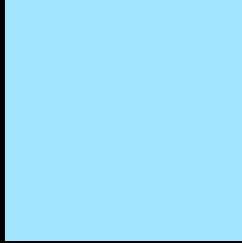
Large Text (above 18pt) WCAG AA × Fail

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 83.9603, -17.4618, -15.3786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

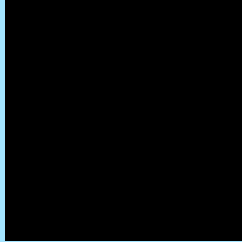
Any Text WCAG AA ✓ Pass

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 83.9603, -17.4618, -15.3786 Background



This preview shows how black text looks on a background with the HunterLab color 83.9603, -17.4618, -15.3786.



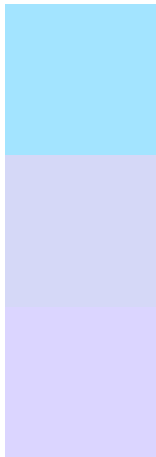
This preview shows how white text looks on a background with the HunterLab color 83.9603,

-17.4618, -15.3786.

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

83.9603, -17.4618, -15.3786

Protanopia

83.6500, 0.3920, -10.8185

Deuteranopia

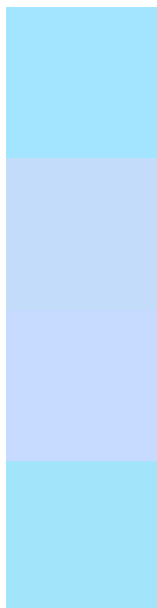
83.5874, 5.4649, -15.5051



Tritanopia

83.9005, -19.8970, -11.4064

Trichromacy



Original Color

83.9603, -17.4618, -15.3786

Protanomaly

83.4809, -6.3504, -12.9049

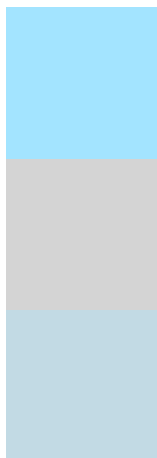
Deuteranomaly

83.3696, -3.1420, -15.9653

Tritanomaly

84.0744, -19.0377, -12.8892

Monochromacy



Original Color

83.9603, -17.4618, -15.3786

Achromatopsia

81.1403, -4.3294, 4.4085

Achromatomaly

81.9839, -9.9556, -2.7375

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.9603, -17.4618, -15.3786 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(163, 228, 255)` looks like.

```
.text, #text, p{  
    color:rgb(163, 228, 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(163, 228, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 228, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 83.9603, -17.4618, -15.3786 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(163, 228, 255) }
```


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

```
.border{ border-color:rgb(163, 228, 255) }
```

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

Here you see how a box with a 4 pixel rgb(163, 228, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 228, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 228, 255);  
box-shadow:4px 4px 4px 4px rgb(163, 228,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.9603, -17.4618, -15.3786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 228, 255) }
```

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

```
.background{ background-color: rgb(163,  
228, 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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