

Converting Colors

HunterLab(83.8221, -16.7496,
1.0936)

Have a look what the booklet for
HunterLab(83.8221, -16.7496,
1.0936) contains.

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Color

**HunterLab(83.8260,
-16.7235, 0.9767)**

Conversions

Conversions Part 1

Format	Color
Hex	BAE2E1
RGB	186, 226, 225
RGB Percent	73%, 89%, 88%
CMY	0.2706, 0.1137, 0.1176
CMYK	0.18, 0.00, 0.00, 0.11
HSL	178°, 41%, 81%
HSV	178°, 18%, 89%
XYZ	61.0366, 70.2680, 81.5801
YIQ	213.9260, -23.5190, -8.7910

Conversions

Conversions Part 2

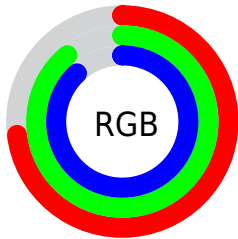
Format	Color
RYB	186, 206, 226
Decimal	12247777
CIELab	87.13, -13.15, -3.84
CIELCh	87, 13.695, 196.295
Yxy	70.2709, 0.2867, 0.3301
Android (android.graphics.Color)	4290437857 (0xFFBAE2E1)
YUV	213.9260, 5.4595, -24.4911
Hunter-Lab	83.8260, -16.7235, 0.9767

Details

The HunterLab color $83.8260, -16.7235, 0.9767$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $74.0786, 9.8667, 8.1890$, and the grayscale version is $81.9567, -4.3730, 4.4529$.

A 20% lighter version of the original color is $98.8912, -9.2146, 4.0531$, and $60.7730, -14.3190, 0.0952$ is the 20% darker color. If you saturate the color by 10%, you get $82.2372, -22.5861, -0.7873$, and if you desaturate by 10%, it is $85.6504, -10.1565, 3.0072$.

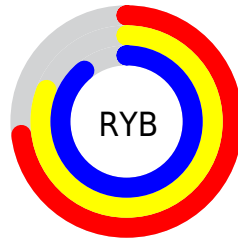
Distribution



Red (73%)

Green (89%)

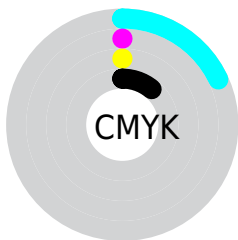
Blue (88%)



Red (73%)

Yellow (81%)

Blue (89%)

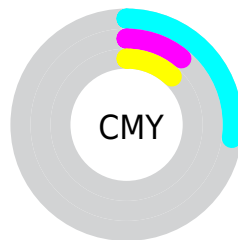


Cyan (18%)

Magenta (0%)

Yellow (0%)

Black (11%)



Cyan (27%)

Magenta (11%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.8260, -16.7235, 0.9767 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 83.8260, -16.7235, 0.9767 by changing the saturation by 10% instead.

■ 83.8260, -16.7235,
0.9767

■ 83.8260, -16.7235,
0.9767

214.8256,
-28.4687, 6.8365

■ 71.9357, -15.4435,
0.5011

■ 109.3595,
-19.2886, 2.0492

■ 60.6661, -14.1574,
0.0669

122.9489,
-20.5761, 2.6389

■ 50.0556, -12.8612,
-0.3208

137.0588,
-21.8697, 3.2624

■ 40.1478, -11.5466,
-0.6578

151.6706,
-23.1710, 3.9179

■ 30.9968, -10.2016,
-0.9382

166.7677,
-24.4807, 4.6043

■ 22.6712, -8.8068,
-1.1542

182.3349,

■ 15.2629, -7.3282,

-25.7999, 5.3202

-1.2946

198.3584,
-27.1290, 6.0646

■ 8.8842, -6.9219,
-1.3723

0.0000, NaN, NaN

■ 83.8260, -16.7235,
0.9767

■ 83.8260, -16.7235,
0.9767

■ 82.2372, -22.5861,
-0.7873

■ 85.6504, -10.1565,
3.0072

■ 80.8796, -27.6922,
-2.2748

■ 87.7020, -2.9389,
5.2824

■ 79.7526, -32.0094,
-3.4755

■ 89.9770, 4.8636,
7.7830

■ 78.8503, -35.5225,
-4.3874

■ 90.1200, 5.3800,
7.6861

■ 78.1630, -38.2383,
-5.0159

■ 90.1374, 5.4734,
7.4371

■ 77.6763, -40.1893,
-5.3753

■ 90.1548, 5.5672,
7.1874

■ 77.3702, -41.4378,
-5.4896

■ 90.1724, 5.6611,
6.9370

■ 77.2145, -42.0942,
-5.3992

■ 90.1900, 5.7554,
6.6858

■ 77.1883, -42.2072,
-5.3654

■ 90.2076, 5.8499,
6.4339

Harmonies

Analogous

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



83.8277, -16.8697, 7.4718



83.8260, -16.7235, 0.9767



83.8277, -13.3678, -4.9893

Triad

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



83.8277, -16.7249, 0.9780



83.8277, 5.2386, -4.5449



83.8277, -1.3402, 15.8251

Complementary

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



83.8260, -16.7235, 0.9767



74.0786, 9.8667, 8.1890

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.



83.8277, 4.7998, 13.1086



83.8260, -16.7235, 0.9767



83.8277, 8.6795, 1.5460

Square

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



83.8277, -16.7249, 0.9780



83.8277, -0.7570, -8.3484



83.8277, 8.5164, 7.9963



83.8277, -8.1339, 15.6997

Rectangle

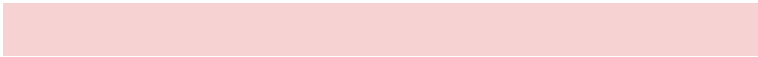
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.8260, -16.7235, 0.9767



83.8277, -9.6967, -7.7130



83.8277, 8.5164, 7.9963



83.8277, 0.8730, 15.2240

Sweetspot

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



83.8277, -16.7249, 0.9780



98.8134, -9.5091, 4.1172



82.7935, -22.7822, 17.3504



45.6409, -4.6640, 1.8218

0.0000, NaN, NaN



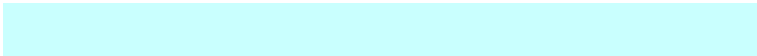
46.2646, -2.4686, 2.5136

Same Dimension

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



83.8277, -16.7249, 0.9780



95.4640, -21.5847, 0.3899



77.9228, -7.2300, -6.8599



39.4539, -5.2479, 1.2189



58.3026, -31.8647, -4.0865



15.3559, -8.3521, -1.1638

Inverse Universe

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



74.0786, 9.8667, 8.1890



82.1860, 14.6942, 10.2334



79.5108, 0.0023, 14.3530



37.0217, 1.3682, 3.0114



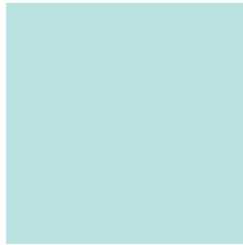
30.3874, 52.0712, 19.3890



8.0127, 13.7553, 4.9200

Previews

White Background



This preview shows how the HunterLab color 83.8260, -16.7235, 0.9767 looks on a white background.

Color Contrast Check

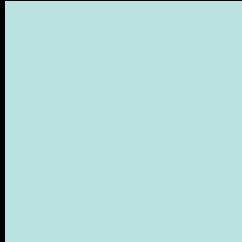
Large Text (above 18pt) WCAG AA × Fail

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 83.8260, -16.7235, 0.9767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

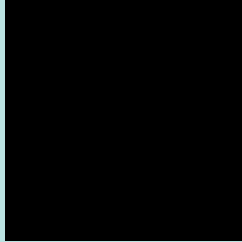
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

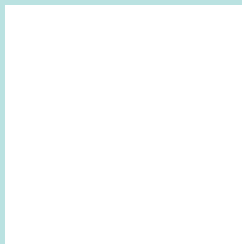
Any Text WCAG AAA ✓ Pass

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

HunterLab 83.8260, -16.7235, 0.9767 Background



This preview shows how black text looks on a background with the HunterLab color 83.8260, -16.7235, 0.9767.



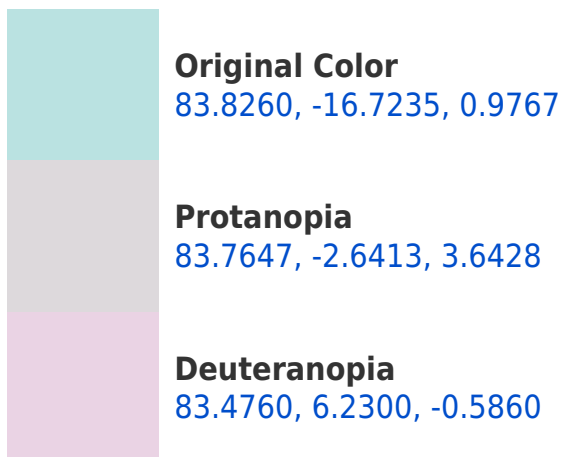
This preview shows how white text looks on a background with the HunterLab color 83.8260,

-16.7235, 0.9767.

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

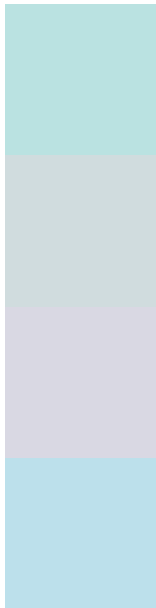




Tritanopia

83.6332, -11.3598, -7.6610

Trichromacy



Original Color

83.8260, -16.7235, 0.9767

Protanomaly

83.5884, -7.9221, 2.3497

Deuteranomaly

83.3124, -2.1688, -0.4197

Tritanomaly

83.6665, -13.3090, -4.3758

Monochromacy



Original Color

83.8260, -16.7235, 0.9767

Achromatopsia

82.0026, -4.3755, 4.4554

Achromatomaly

82.4877, -8.8286, 2.9979

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.8260, -16.7235, 0.9767 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(186, 226, 225)` looks like.

```
.text, #text, p{  
    color:rgb(186, 226, 225)  
}
```

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(186, 226, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 226, 225) }
```

Border

The CSS property to change the border of an element to HunterLab 83.8260, -16.7235, 0.9767 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(186, 226, 225) }
```


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

```
.border{ border-color:rgb(186, 226, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 226, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 226, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 226, 225);  
box-shadow:4px 4px 4px 4px rgb(186, 226,  
225) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.8260, -16.7235, 0.9767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 226, 225) }
```

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

```
.background{ background-color: rgb(186,  
226, 225) }
```

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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