

# Converting Colors

HunterLab(82.4671, -16.5948,  
-9.0830)

Have a look what the booklet for  
HunterLab(82.4671, -16.5948,  
-9.0830) contains.

<b>HunterLab(82.5883, -16.7728, -9.1460)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(82.5883,  
-16.7728, -9.1460)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AAE0F1
RGB	170, 224, 241
RGB Percent	67%, 88%, 95%
CMY	0.3333, 0.1216, 0.0549
CMYK	0.29, 0.07, 0.00, 0.05
HSL	194°, 72%, 81%
HSV	194°, 29%, 95%
XYZ	59.1104, 68.2083, 93.2692
YIQ	209.7920, -37.6410, -6.1610

# Conversions

## Conversions Part 2

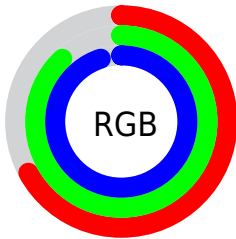
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	170, 201, 241
Decimal	11198705
CIE <sub>Lab</sub>	86.11, -13.34, -13.89
CIE <sub>LCh</sub>	86, 19.261, 226.145
Yxy	68.2110, 0.2680, 0.3092
Android (android.graphics.Color)	4289388785 (0xFFAAE0F1)
YUV	209.7920, 15.3855, -34.8976
Hunter-Lab	82.5883, -16.7728, -9.1460

# Details

The HunterLab color  $82.5883, -16.7728, -9.1460$  is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be  $75.5938, 12.4648, 16.9696$ , and the grayscale version is  $80.1392, -4.2760, 4.3541$ .

A 20% lighter version of the original color is  $97.5043, -14.1296, 2.3057$ , and  $59.6588, -14.2015, -9.1024$  is the 20% darker color. If you saturate the color by 10%, you get  $79.1945, -19.4772, -13.8457$ , and if you desaturate by 10%, it is  $86.1985, -13.3752, -4.3605$ .

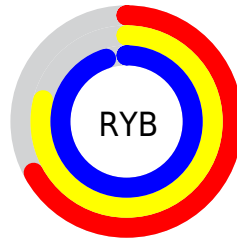
# Distribution



Red (67%)

Green (88%)

Blue (95%)



Red (67%)

Yellow (79%)

Blue (95%)

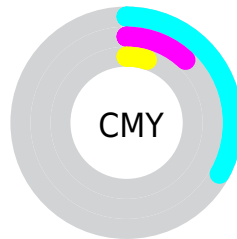


Cyan (29%)

Magenta (7%)

Yellow (0%)

Black (5%)



Cyan (33%)

Magenta (12%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 82.5883, -16.7728, -9.1460 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 82.5883, -16.7728, -9.1460 by changing the saturation by 10% instead.



■ 82.5883, -16.7728,  
-9.1460

■ 82.5883, -16.7728,  
-9.1460

213.1298,  
-28.5849, -6.4428

■ 70.7597, -15.4820,  
-9.2118

■ 108.0065,  
-19.3558, -8.8504

■ 59.5555, -14.1844,  
-9.2202

121.5418,  
-20.6515, -8.6301

■ 49.0143, -12.8751,  
-9.1649

135.5996,  
-21.9529, -8.3650

■ 39.1809, -11.5456,  
-9.0403

150.1611,  
-23.2614, -8.0575

■ 30.1105, -10.1829,  
-8.8408

165.2095,  
-24.5780, -7.7097

■ 21.8736, -8.7661,  
-8.5619

180.7295,

■ 14.5650, -7.2582,

-25.9037, -7.3235

-8.2071

196.7072,  
-27.2392, -6.9007

■ 8.2257, -7.5085,  
-8.0462

0.0000, NaN, -NF

■ 82.5883, -16.7728,  
-9.1460

■ 82.5883, -16.7728,  
-9.1460

■ 79.1945, -19.4772,  
-13.8457

■ 86.1985, -13.3752,  
-4.3605

■ 76.0223, -21.4261,  
-18.4342

■ 90.0090, -9.3439,  
0.4814

■ 73.0817, -22.5698,  
-22.8779

■ 94.0097, -4.7421,  
5.3600

■ 70.3774, -22.8733,  
-27.1439

■ 97.0480, -3.5553,  
8.8962

■ 67.9093, -22.3264,  
-31.2032

■ 98.8779, -6.5987,  
10.9114

■ 65.6692, -20.9563,  
-35.0380

■ 99.5645, -7.7267,  
11.6588

■ 63.6249, -18.8891,  
-38.6756

■ 63.5168, -18.7697,  
-38.8721

# Harmonies

## Analogous

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



82.5899, -21.3489, -0.5199



82.5883, -16.7728, -9.1460



82.5899, -8.7703, -14.3630

# Triad

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



82.5899, -16.7738, -9.1446



82.5899, 14.2187, 0.1944



82.5899, -9.4645, 19.6001

# Complementary

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



82.5883, -16.7728, -9.1460



75.5938, 12.4648, 16.9696

# 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.



82.5899, 0.0402, 19.7448



82.5883, -16.7728, -9.1460



82.5899, 14.0120, 9.2150

# Square

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



82.5899, -16.7738, -9.1446



82.5899, 9.2767, -8.5707



82.5899, 8.7242, 16.1449



82.5899, -17.2620, 15.7239



# Rectangle

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



82.5883, -16.7728, -9.1460



82.5899, -2.4328, -14.8642



82.5899, 8.7242, 16.1449



82.5899, -6.3712, 20.0703

# Sweetspot

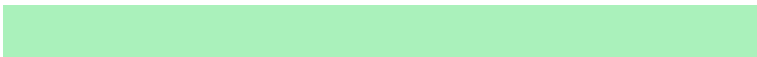
The Sweet Spot groups the original color and five complimentary colors.



82.5899, -16.7738, -9.1446



96.1502, -9.7627, 0.7375



86.6183, -34.2058, 20.7594



44.2026, -4.8269, -0.0088

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

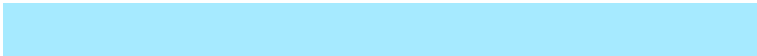


# Same Dimension

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



82.5899, -16.7738, -9.1446



85.9866, -19.6074, -12.5932



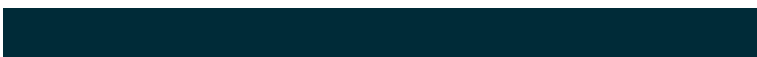
71.5996, 0.9465, -24.7769



41.5334, -4.3146, 0.2191



47.0071, -14.1533, -28.2019



14.1079, -4.8475, -7.1692



# Inverse Universe

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



72.6868, 30.2273, -12.2074



73.7300, 39.5452, -16.2503



85.9549, -5.7360, 26.6310



39.9536, 2.8285, -0.2971



34.6757, 64.8133, -19.6873

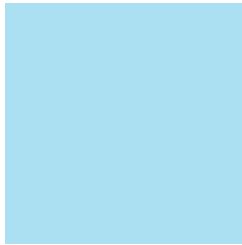


10.0779, 18.9654, -6.7177



# Previews

## White Background



This preview shows how the HunterLab color 82.5883, -16.7728, -9.1460 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

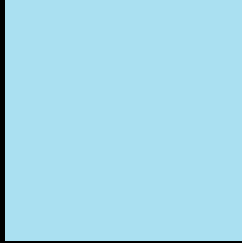
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 82.5883, -16.7728, -9.1460 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

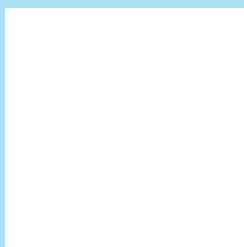
Any Text WCAG AAA ✓ Pass

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

## HunterLab 82.5883, -16.7728, -9.1460 Background



This preview shows how black text looks on a background with the HunterLab color 82.5883, -16.7728, -9.1460.



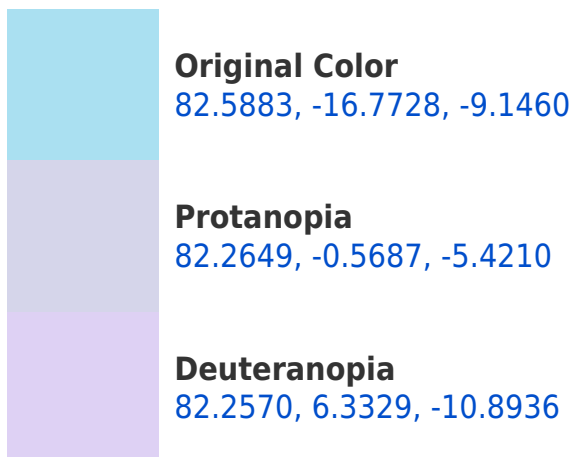
This preview shows how white text looks on a background with the HunterLab color 82.5883, -16.7728, -9.1460.

-16.7728, -9.1460.

# 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

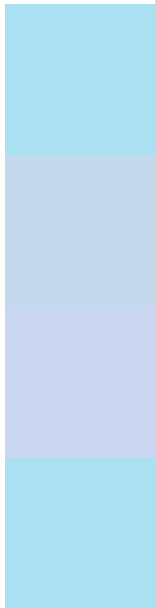




## Tritanopia

82.6245, -16.5686, -9.6574

# Trichromacy



## Original Color

82.5883, -16.7728, -9.1460

## Protanomaly

82.2256, -6.8597, -7.2254

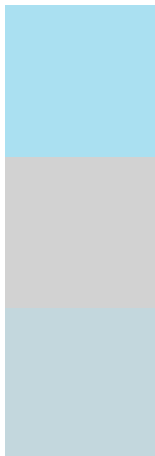
## Deuteranomaly

82.0126, -2.3703, -10.8065

## Tritanomaly

82.6245, -16.5686, -9.6574

# Monochromacy



## Original Color

82.5883, -16.7728, -9.1460

## Achromatopsia

80.2795, -4.2835, 4.3617

## Achromatomaly

80.8848, -9.4527, -0.4680

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 82.5883, -16.7728, -9.1460 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(170, 224, 241)` looks like.

```
.text, #text, p{  
    color:rgb(170, 224, 241)  
}
```

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(170, 224, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 224, 241) }
```

## Border

The CSS property to change the border of an element to HunterLab 82.5883, -16.7728, -9.1460 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(170, 224, 241) }
```



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

```
.border{ border-color:rgb(170, 224, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 224, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 224, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 224, 241);  
box-shadow:4px 4px 4px 4px rgb(170, 224,  
241) }
```

# Background

The CSS property to change the background color of an element to HunterLab 82.5883, -16.7728, -9.1460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 224, 241) }
```

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

```
.background{ background-color: rgb(170,  
224, 241) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor