

# Converting Colors

HunterLab(86.0592, -17.7415,  
-8.8015)

Have a look what the booklet for  
HunterLab(86.0592, -17.7415,  
-8.8015) contains.

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# Color

**HunterLab(85.9650,  
-17.3670, -9.1453)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B1E8F9
RGB	177, 232, 249
RGB Percent	69%, 91%, 98%
CMY	0.3059, 0.0902, 0.0235
CMYK	0.29, 0.07, 0.00, 0.02
HSL	194°, 86%, 84%
HSV	194°, 29%, 98%
XYZ	64.0869, 73.8998, 100.5087
YIQ	217.4930, -38.2370, -6.3730

# Conversions

## Conversions Part 2

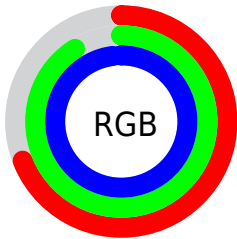
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	177, 208, 249
Decimal	11659513
CIE <sub>Lab</sub>	88.88, -13.61, -13.91
CIE <sub>LCh</sub>	89, 19.461, 225.644
Yxy	73.9028, 0.2687, 0.3099
Android (android.graphics.Color)	4289849593 (0xFFB1E8F9)
YUV	217.4930, 15.5330, -35.5124
Hunter-Lab	85.9650, -17.3670, -9.1453

# Details

The HunterLab color **85.9650, -17.3670, -9.1453** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **78.6754, 12.7301, 17.3549**, and the grayscale version is **83.4607, -4.4533, 4.5346**.

A 20% lighter version of the original color is **98.0981, -12.0164, 3.0568**, and **62.4808, -14.5587, -9.6301** is the 20% darker color. If you saturate the color by 10%, you get **82.4538, -20.2527, -13.9926**, and if you desaturate by 10%, it is **89.7014, -13.7610, -4.2059**.

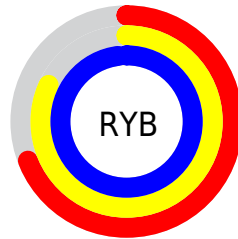
# Distribution



Red (69%)

Green (91%)

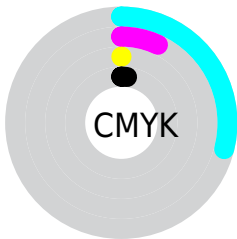
Blue (98%)



Red (69%)

Yellow (82%)

Blue (98%)

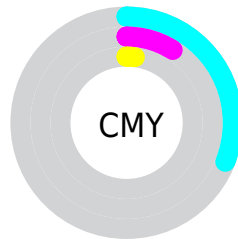


Cyan (29%)

Magenta (7%)

Yellow (0%)

Black (2%)



Cyan (31%)

Magenta (9%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.9650, -17.3670, -9.1453 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 85.9650, -17.3670, -9.1453 by changing the saturation by 10% instead.



85.9650, -17.3670,  
-9.1453

85.9650, -17.3670,  
-9.1453

217.7470,  
-29.2919, -6.3453

73.9692, -16.0640,  
-9.2256

111.6951,  
-19.9753, -8.8236

62.5885, -14.7546,  
-9.2497

125.3769,  
-21.2838, -8.5915

51.8599, -13.4345,  
-9.2115

139.5758,  
-22.5978, -8.3153

41.8258, -12.0956,  
-9.1057

154.2735,  
-23.9190, -7.9973

32.5381, -10.7263,  
-8.9264

169.4538,  
-25.2482, -7.6395

24.0625, -9.3078,  
-8.6687

185.1016,

16.4859, -7.8080,

-26.5863, -7.2439

-8.3325

201.2035,  
-27.9340, -6.8120

■ 9.9311, -6.5613,  
-7.9426

0.0000, NaN, -NF

■ 85.9650, -17.3670,  
-9.1453

■ 85.9650, -17.3670,  
-9.1453

■ 82.4538, -20.2527,  
-13.9926

■ 89.7014, -13.7610,  
-4.2059

■ 79.1730, -22.3531,  
-18.7213

■ 93.6463, -9.4965,  
0.7950

■ 76.1330, -23.6164,  
-23.2967

■ 97.7891, -4.6394,  
5.8367

■ 73.3387, -24.0058,  
-27.6846

■ 99.8096, -6.3796,  
8.1514

■ 70.7900, -23.5103,  
-31.8553

■ 68.4783, -22.1572,  
-35.7899

■ 66.3745, -20.0612,  
-39.5091

■ 66.1521, -19.8142,  
-39.9111

# Harmonies

## Analogous

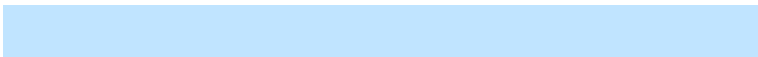
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.9667, -21.9887, -0.2942



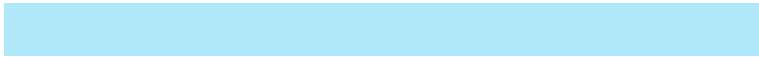
85.9650, -17.3670, -9.1453



85.9667, -9.2123, -14.5526

# Triad

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



85.9667, -17.3680, -9.1439



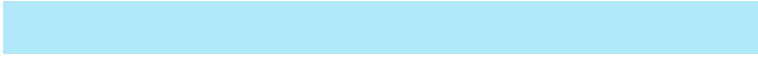
85.9667, 14.4284, 0.1170



85.9667, -9.6123, 20.2078

# Complementary

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



85.9650, -17.3670, -9.1453



78.6754, 12.7301, 17.3549

# 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.



85.9667, 0.1288, 20.2915



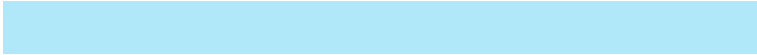
85.9650, -17.3670, -9.1453



85.9667, 14.3095, 9.3725

# Square

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



85.9667, -17.3680, -9.1439



85.9667, 9.2956, -8.8140



85.9667, 8.9776, 16.5308

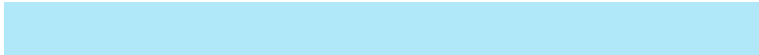


85.9667, -17.6496, 16.2876



# Rectangle

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



85.9650, -17.3670, -9.1453



85.9667, -2.7311, -15.1304



85.9667, 8.9776, 16.5308



85.9667, -6.4363, 20.6695

# Sweetspot

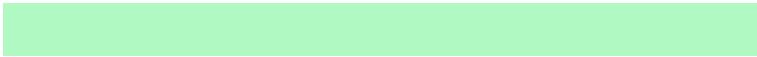
The Sweet Spot groups the original color and five complimentary colors.



85.9667, -17.3680, -9.1439



96.1748, -9.8023, 0.7669



89.9922, -35.0567, 21.2892



44.2158, -4.8482, 0.0071

0.0000, NaN, NaN

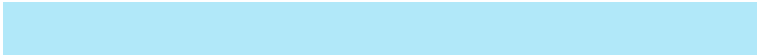


46.2646, -2.4686, 2.5136

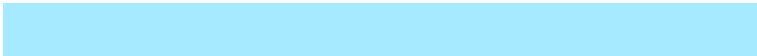


# Same Dimension

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



85.9667, -17.3680, -9.1439



86.0848, -19.7532, -12.4609



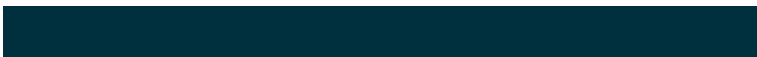
74.6717, 0.8409, -25.1349



43.4433, -4.5400, 0.2336



48.6351, -14.8307, -28.7744



15.3374, -5.2592, -7.8174



# Inverse Universe

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



75.7707, 30.7902, -12.5124



73.7415, 39.6017, -16.4120



89.3296, -5.9706, 27.3313



41.7736, 2.9882, -0.3400



35.7754, 66.9077, -20.6136

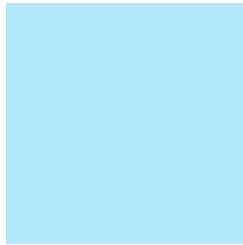


10.9622, 20.6271, -7.2880



# Previews

## White Background



This preview shows how the HunterLab color 85.9650, -17.3670, -9.1453 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

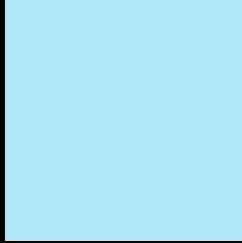
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 85.9650, -17.3670, -9.1453 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

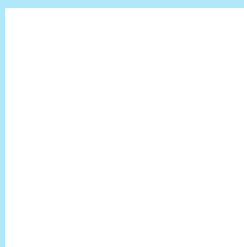
Any Text WCAG AAA ✓ Pass

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

## HunterLab 85.9650, -17.3670, -9.1453 Background



This preview shows how black text looks on a background with the HunterLab color 85.9650, -17.3670, -9.1453.



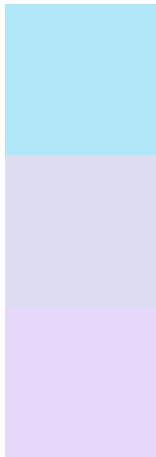
This preview shows how white text looks on a background with the HunterLab color 85.9650,

-17.3670, -9.1453.

# 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

85.9650, -17.3670, -9.1453

### Protanopia

85.7297, -0.7340, -5.2834

### Deuteranopia

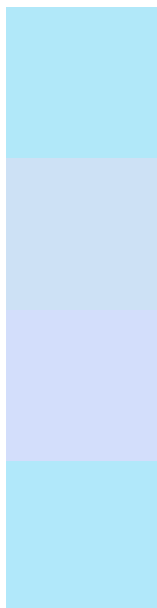
85.7187, 6.2064, -10.7726



## Tritanopia

86.0014, -17.1623, -9.6585

# Trichromacy



## Original Color

85.9650, -17.3670, -9.1453

## Protanomaly

85.6867, -7.0807, -7.0982

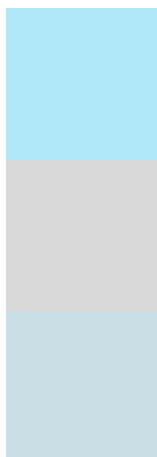
## Deuteranomaly

85.4731, -2.5607, -10.6856

## Tritanomaly

86.0014, -17.1623, -9.6585

# Monochromacy



## Original Color

85.9650, -17.3670, -9.1453

## Achromatopsia

83.2990, -4.4446, 4.5258

## Achromatomaly

83.9382, -9.4707, -0.8045

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 85.9650, -17.3670, -9.1453 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(177, 232, 249)` looks like.

```
.text, #text, p{  
    color:rgb(177, 232, 249)  
}
```

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(177, 232, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 232, 249) }
```

## Border

The CSS property to change the border of an element to HunterLab 85.9650, -17.3670, -9.1453 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(177, 232, 249) }
```



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

```
.border{ border-color:rgb(177, 232, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 232, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 232, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 232, 249); box-shadow:4px 4px 4px 4px rgb(177, 232, 249) }
```

# Background

The CSS property to change the background color of an element to HunterLab 85.9650, -17.3670, -9.1453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 232, 249) }
```

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

```
.background{ background-color: rgb(177,  
232, 249) }
```

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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