

# Converting Colors

HunterLab(84.5510, -17.2590,  
-6.2415)

Have a look what the booklet for  
HunterLab(84.5510, -17.2590,  
-6.2415) contains.

<b>HunterLab(84.6623, -17.6948, -5.8736)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(84.6623,  
-17.6948, -5.8736)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B1E5F0
RGB	177, 229, 240
RGB Percent	69%, 90%, 94%
CMY	0.3059, 0.1019, 0.0588
CMYK	0.26, 0.05, 0.00, 0.06
HSL	190°, 68%, 82%
HSV	190°, 26%, 94%
XYZ	61.8790, 71.6771, 93.0117
YIQ	214.7060, -34.5230, -7.6030

# Conversions

## Conversions Part 2

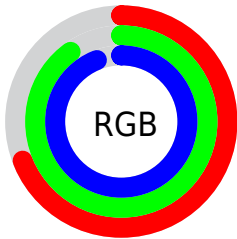
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	177, 205, 240
Decimal	11658736
CIE <sub>Lab</sub>	87.81, -14.12, -10.78
CIE <sub>LCh</sub>	88, 17.765, 217.355
Yxy	71.6799, 0.2731, 0.3164
Android (android.graphics.Color)	4289848816 (0xFFB1E5F0)
YUV	214.7060, 12.4699, -33.0682
Hunter-Lab	84.6623, -17.6948, -5.8736

# Details

The HunterLab color **84.6623, -17.6948, -5.8736** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.9385, 12.5035, 14.5347**, and the grayscale version is **82.2676, -4.3896, 4.4698**.

A 20% lighter version of the original color is **98.0981, -12.0164, 3.0568**, and **61.2852, -14.7339, -6.3653** is the 20% darker color. If you saturate the color by 10%, you get **81.7401, -21.3205, -9.8025**, and if you desaturate by 10%, it is **87.8049, -13.3660, -1.7959**.

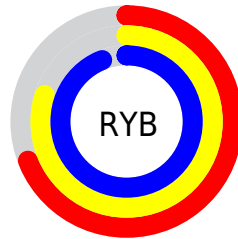
# Distribution



Red (69%)

Green (90%)

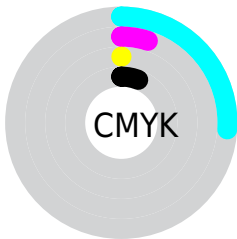
Blue (94%)



Red (69%)

Yellow (80%)

Blue (94%)

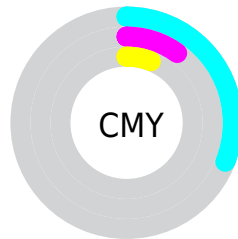


Cyan (26%)

Magenta (5%)

Yellow (0%)

Black (6%)



Cyan (31%)

Magenta (10%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.6623, -17.6948, -5.8736 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 84.6623, -17.6948, -5.8736 by changing the saturation by 10% instead.



■ 84.6623, -17.6948,  
-5.8736

■ 84.6623, -17.6948,  
-5.8736

215.9692,  
-29.8033, -2.1757

■ 72.7305, -16.3655,  
-6.0671

■ 110.2730,  
-20.3511, -5.3346

■ 61.4172, -15.0276,  
-6.2073

123.8987,  
-21.6815, -4.9982

■ 50.7603, -13.6764,  
-6.2882

138.0436,  
-23.0166, -4.6202

■ 40.8028, -12.3030,  
-6.3038

152.6891,  
-24.3577, -4.2029

■ 31.5980, -10.8944,  
-6.2471

167.8189,  
-25.7061, -3.7482

■ 23.2133, -9.4300,  
-6.1100

183.4177,

■ 15.7385, -7.8739,

-27.0627, -3.2577

-5.8848

199.4720,  
-28.4282, -2.7331

■ 9.3010, -7.1124,  
-5.5747

0.0000, NaN, -NF

■ 84.6623, -17.6948,  
-5.8736

■ 84.6623, -17.6948,  
-5.8736

■ 81.7401, -21.3205,  
-9.8025

■ 87.8049, -13.3660,  
-1.7959

■ 79.0405, -24.1852,  
-13.5584

■ 91.1538, -8.3905,  
2.3999

■ 76.5704, -26.2456,  
-17.1115

■ 94.7006, -2.8308,  
6.6911

■ 74.3311, -27.4738,  
-20.4359

■ 96.6015, -3.0243,  
8.8746

■ 72.3193, -27.8654,  
-23.5117

■ 97.9248, -5.2377,  
10.3351

■ 70.5248, -27.4495,  
-26.3299

■ 99.2596, -7.4411,  
11.7902

■ 68.9268, -26.3026,  
-28.9013

■ 99.5346, -7.8914,  
12.0878

■ 68.3581, -25.7605,  
-29.8322

# Harmonies

## Analogous

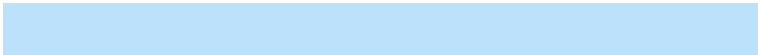
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.6640, -20.8294, 2.4986



84.6623, -17.6948, -5.8736



84.6640, -11.0085, -11.8285

# Triad

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



84.6640, -17.6959, -5.8722



84.6640, 11.8521, -1.8997



84.6640, -6.7009, 19.2118

# Complementary

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



84.6623, -17.6948, -5.8736



75.9385, 12.5035, 14.5347

# 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.



84.6640, 2.1659, 18.2940



84.6623, -17.6948, -5.8736



84.6640, 13.1215, 6.6655

# Square

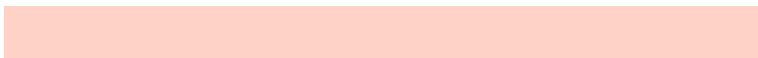
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.6640, -17.6959, -5.8722



84.6640, 6.1100, -9.3748



84.6640, 9.5102, 13.9000



84.6640, -14.6539, 16.5507



# Rectangle

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



84.6623, -17.6948, -5.8736



84.6640, -5.3100, -13.3130



84.6640, 9.5102, 13.9000



84.6640, -3.7311, 19.3065

# Sweetspot

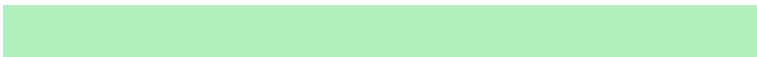
The Sweet Spot groups the original color and five complimentary colors.



84.6640, -17.6959, -5.8722



96.9964, -9.9832, 1.7641



86.7629, -31.8591, 20.5848



44.6207, -5.0023, 0.5003

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

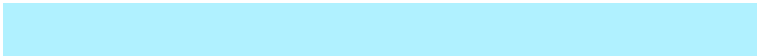


# Same Dimension

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



84.6640, -17.6959, -5.8722



89.1481, -20.9391, -8.3549



74.8520, -2.0851, -19.2129



41.7517, -4.6655, 0.4797



50.7492, -19.2907, -21.7889



15.0485, -6.1073, -5.6254



# Inverse Universe

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



74.5845, 26.9582, -12.4998



76.5859, 35.3311, -16.7367



85.0671, -3.6539, 23.3620



39.9766, 2.9514, -0.6232



35.2041, 66.6858, -26.8453

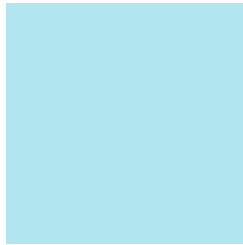


10.2143, 19.4473, -8.5540



# Previews

## White Background



This preview shows how the HunterLab color 84.6623, -17.6948, -5.8736 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

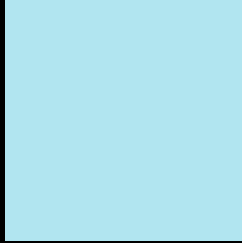
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 84.6623, -17.6948, -5.8736 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

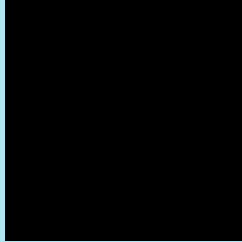
Any Text WCAG AA ✓ Pass

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 84.6623, -17.6948, -5.8736 Background



This preview shows how black text looks on a background with the HunterLab color 84.6623, -17.6948, -5.8736.



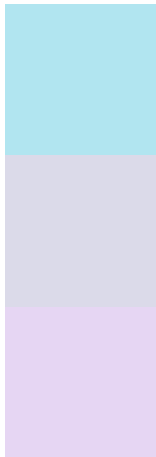
This preview shows how white text looks on a background with the HunterLab color 84.6623,

-17.6948, -5.8736.

# 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

84.6623, -17.6948, -5.8736

### Protanopia

84.3126, -1.4808, -2.2845

### Deuteranopia

84.4909, 6.0631, -7.3336



## Tritanopia

84.6201, -15.7438, -9.2229

# Trichromacy



## Original Color

84.6623, -17.6948, -5.8736

## Protanomaly

84.3422, -7.5720, -3.9468

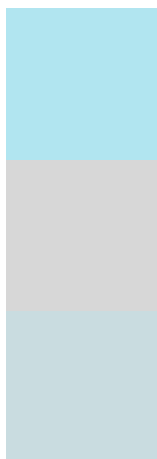
## Deuteranomaly

84.2156, -2.7757, -7.2966

## Tritanomaly

84.5479, -16.1491, -8.2041

# Monochromacy



## Original Color

84.6623, -17.6948, -5.8736

## Achromatopsia

82.4344, -4.3985, 4.4788

## Achromatomaly

83.0576, -9.6665, 0.6697

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 84.6623, -17.6948, -5.8736 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, 229, 240)` looks like.

```
.text, #text, p{  
    color:rgb(177, 229, 240)  
}
```

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, 229, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 229, 240) }
```

## Border

The CSS property to change the border of an element to HunterLab 84.6623, -17.6948, -5.8736 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, 229, 240) }
```



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

```
.border{ border-color:rgb(177, 229, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 229, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 229, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 229, 240); box-shadow:4px 4px 4px 4px rgb(177, 229, 240) }
```

# Background

The CSS property to change the background color of an element to HunterLab 84.6623, -17.6948, -5.8736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 229, 240) }
```

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

```
.background{ background-color: rgb(177,  
229, 240) }
```

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