

# Converting Colors

HunterLab(86.1438, -17.2568,  
8.2615)

Have a look what the booklet for  
HunterLab(86.1438, -17.2568,  
8.2615) contains.

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# Color

**HunterLab(86.1695,  
-17.1357, 8.0967)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7E7D8
RGB	199, 231, 216
RGB Percent	78%, 91%, 85%
CMY	0.2196, 0.0941, 0.1529
CMYK	0.14, 0.00, 0.06, 0.09
HSL	152°, 40%, 84%
HSV	152°, 14%, 91%
XYZ	64.5238, 74.2518, 75.8971
YIQ	219.7220, -14.2570, -11.4490

# Conversions

## Conversions Part 2

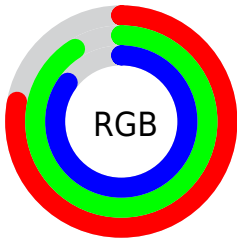
<b>Format</b>	<b>Color</b>
<b>RYB</b>	199, 220, 231
Decimal	13101016
CIELab	89.04, -13.33, 3.78
CIELCh	89, 13.853, 164.183
Yxy	74.2550, 0.3006, 0.3459
Android (android.graphics.Color)	4291291096 (0xFFC7E7D8)
YUV	219.7220, -1.8349, -18.1732
Hunter-Lab	86.1695, -17.1357, 8.0967

# Details

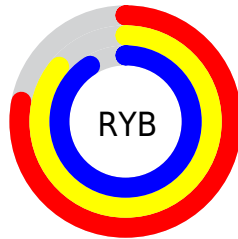
The HunterLab color **86.1695, -17.1357, 8.0967** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79.1787, 9.1421, 1.3089**, and the grayscale version is **84.4918, -4.5083, 4.5906**.

A 20% lighter version of the original color is **100.0000, -5.3358, 5.4332**, and **62.6521, -14.3684, 6.4456** is the 20% darker color. If you saturate the color by 10%, you get **84.1364, -25.2498, 10.6244**, and if you desaturate by 10%, it is **88.4518, -8.3313, 5.7261**.

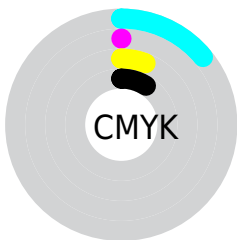
# Distribution



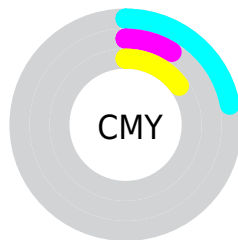
- Red (78%)
- Green (91%)
- Blue (85%)



- Red (78%)
- Yellow (86%)
- Blue (91%)



- Cyan (14%)
- Magenta (0%)
- Yellow (6%)
- Black (9%)



- Cyan (22%)
- Magenta (9%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 86.1695, -17.1357, 8.0967 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 86.1695, -17.1357, 8.0967 by changing the saturation by 10% instead.



■ 86.1695, -17.1357,  
8.0967

■ 86.1695, -17.1357,  
8.0967

218.0259,  
-28.9609, 16.5559

■ 74.1638, -15.8472,  
7.2709

111.9183,  
-19.7190, 9.8222

■ 62.7725, -14.5527,  
6.4677

125.6089,  
-21.0155, 10.7187

■ 52.0328, -13.2485,  
5.6882

139.8162,  
-22.3182, 11.6377

■ 41.9868, -11.9270,  
4.9322

154.5221,  
-23.6283, 12.5788

■ 32.6862, -10.5768,  
4.1990

169.7102,  
-24.9470, 13.5416

■ 24.1965, -9.1799,  
3.4865

185.3658,

■ 16.6040, -7.7055,

-26.2748, 14.5256

2.7905

201.4751,  
-27.6127, 15.5305

■ 10.0309, -6.4118,  
2.1391

0.0000, NaN, NaN

■ 86.1695, -17.1357,  
8.0967

■ 86.1695, -17.1357,  
8.0967

■ 84.1364, -25.2498,  
10.6244

■ 88.4518, -8.3313,  
5.7261

■ 82.3517, -32.5900,  
13.2827

■ 90.9707, 1.0852,  
3.5256

■ 80.8190, -39.0891,  
16.0444

■ 92.3160, 6.3526,  
-0.2970

■ 79.5365, -44.6948,  
18.8758

■ 92.5390, 7.5455,  
-3.4613

■ 78.4983, -49.3767,  
21.7391

■ 77.6936, -53.1327,  
24.5933

■ 77.1056, -55.9952,  
27.3955

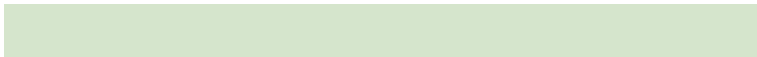
■ 76.7100, -58.0391,  
30.1012

■ 76.5359, -58.9929,  
31.6856

# Harmonies

## Analogous

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



86.1713, -13.7571, 13.3519



86.1695, -17.1357, 8.0967



86.1713, -17.2307, 1.5038

# Triad

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



86.1713, -17.1374, 8.0979



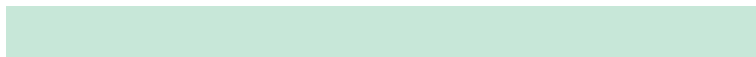
86.1713, -1.2898, -8.6263



86.1713, 5.2334, 13.1216

# Complementary

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



86.1695, -17.1357, 8.0967



79.1787, 9.1421, 1.3089

# 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.



86.1713, 8.7975, 7.7600



86.1695, -17.1357, 8.0967



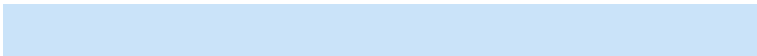
86.1713, 4.9510, -4.9751

# Square

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



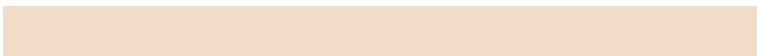
86.1713, -17.1374, 8.0979



86.1713, -8.2297, -8.5176



86.1713, 8.6925, 1.1381



86.1713, -0.9142, 16.0909



# Rectangle

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



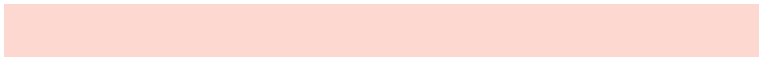
86.1695, -17.1357, 8.0967



86.1713, -15.4250, -2.7942



86.1713, 8.6925, 1.1381



86.1713, 6.7820, 11.5588

# Sweetspot

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



86.1713, -17.1374, 8.0979



98.9001, -9.4907, 6.4483



86.9743, -15.2010, 16.4923



45.6623, -4.7467, 3.0732

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

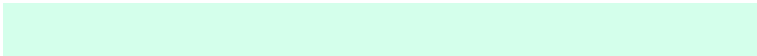


# Same Dimension

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



86.1713, -17.1374, 8.0979



95.6267, -22.1983, 9.9559



86.4689, -14.2360, 1.1916



40.2697, -6.1651, 3.2502



57.3263, -44.0325, 23.4006



15.6436, -11.5988, 5.4855



# Inverse Universe

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



79.1787, 9.1421, 1.3089



86.0214, 13.9274, 0.6441



78.8713, 6.3940, 8.0932



38.0525, 2.1616, 1.0945



31.8737, 56.5772, 5.1505

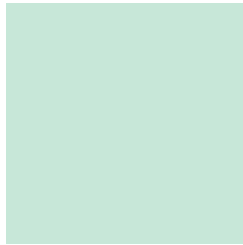


8.7714, 15.7688, -0.1267



# Previews

## White Background



This preview shows how the HunterLab color 86.1695, -17.1357, 8.0967 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

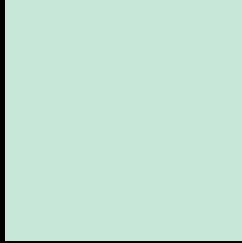
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 86.1695, -17.1357, 8.0967 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

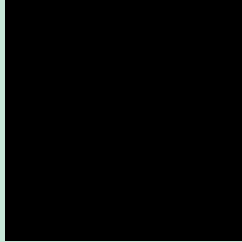
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

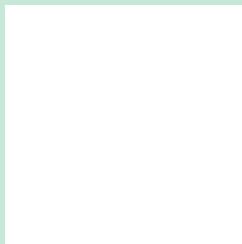
Any Text WCAG AAA ✓ Pass

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

## HunterLab 86.1695, -17.1357, 8.0967 Background



This preview shows how black text looks on a background with the HunterLab color 86.1695, -17.1357, 8.0967.



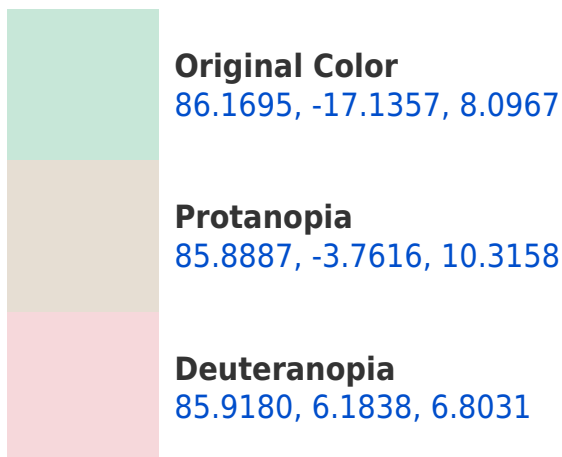
This preview shows how white text looks on a background with the HunterLab color 86.1695,

-17.1357, 8.0967.

# 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

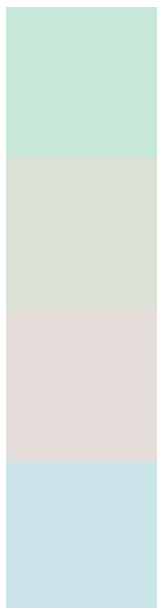




## Tritanopia

86.2369, -8.3987, -6.4008

# Trichromacy



## Original Color

86.1695, -17.1357, 8.0967

## Protanomaly

85.8572, -8.5663, 9.2832

## Deuteranomaly

85.6930, -2.4342, 6.8683

## Tritanomaly

86.0139, -11.5828, -0.8584

# Monochromacy



## Original Color

86.1695, -17.1357, 8.0967

## Achromatopsia

84.5987, -4.5140, 4.5964

## Achromatomaly

85.1016, -9.2490, 5.5862

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 86.1695, -17.1357, 8.0967 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(199, 231, 216)` looks like.

```
.text, #text, p{  
    color:rgb(199, 231, 216)  
}
```

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(199, 231, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 231, 216) }
```

## Border

The CSS property to change the border of an element to HunterLab 86.1695, -17.1357, 8.0967 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(199, 231, 216) }
```



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

```
.border{ border-color:rgb(199, 231, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 231, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 231, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 231, 216);  
box-shadow:4px 4px 4px 4px rgb(199, 231,  
216) }
```

# Background

The CSS property to change the background color of an element to HunterLab 86.1695, -17.1357, 8.0967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 231, 216) }
```

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

```
.background{ background-color: rgb(199,  
231, 216) }
```

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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