

# Converting Colors

HunterLab(81.1193, -33.7703,  
4.6436)

Have a look what the booklet for  
HunterLab(81.1193, -33.7703,  
4.6436) contains.

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# Color

**HunterLab(81.2847,  
-34.0088, 5.0177)**

# Conversions

## Conversions Part 1

Format	Color
Hex	83E6D2
RGB	131, 230, 210
RGB Percent	51%, 90%, 82%
CMY	0.4863, 0.0980, 0.1765
CMYK	0.43, 0.00, 0.09, 0.10
HSL	168°, 66%, 71%
HSV	168°, 43%, 90%
XYZ	49.2897, 66.0720, 71.1280
YIQ	198.1190, -52.5840, -27.2080

# Conversions

## Conversions Part 2

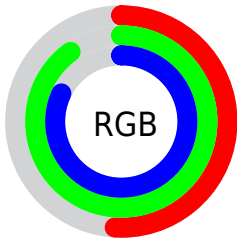
<b>Format</b>	<b>Color</b>
<b>RYB</b>	131, 186, 230
Decimal	8644306
CIELab	85.03, -33.78, 0.66
CIELCh	85, 33.788, 178.881
Yxy	66.0747, 0.2643, 0.3543
Android (android.graphics.Color)	4286834386 (0xFF83E6D2)
YUV	198.1190, 5.8573, -58.8634
Hunter-Lab	81.2847, -34.0088, 5.0177

# Details

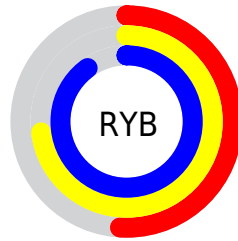
The HunterLab color **81.2847, -34.0088, 5.0177** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **59.4068, 35.2688, 8.0006**, and the grayscale version is **75.1913, -4.0120, 4.0853**.

A 20% lighter version of the original color is **94.5682, -24.7809, -1.4762**, and **58.3857, -29.1540, 3.5269** is the 20% darker color. If you saturate the color by 10%, you get **80.1306, -38.7720, 5.7953**, and if you desaturate by 10%, it is **82.6768, -28.4310, 4.5126**.

# Distribution



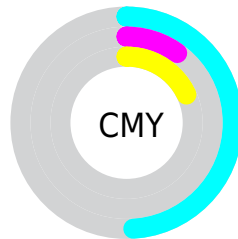
- Red (51%)
- Green (90%)
- Blue (82%)



- Red (51%)
- Yellow (73%)
- Blue (90%)



- Cyan (43%)
- Magenta (0%)
- Yellow (9%)
- Black (10%)




- Cyan (49%)
- Magenta (10%)
- Yellow (18%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 81.2847, -34.0088, 5.0177 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 81.2847, -34.0088, 5.0177 by changing the saturation by 10% instead.




 81.2847, -34.0088,  
5.0177


 81.2847, -34.0088,  
5.0177


211.3395,  
-53.6321, 12.3222

 69.5219, -31.6294,  
4.3480


 106.5802,  
-38.5934, 6.4521

 58.3872, -29.1701,  
3.7098


 120.0581,  
-40.8186, 7.2123

 47.9200, -26.6096,  
3.1058


 134.0605,  
-43.0098, 8.0000

 38.1659, -23.9165,  
2.5381

148.5687,  
-45.1731, 8.8143

 29.1816, -21.0443,  
2.0091

163.5654,  
-47.3133, 9.6544

 21.0396, -17.9189,  
1.5218

179.0352,

 13.8382, -14.4483,

-49.4344, 10.5196

1.0797

194.9642,  
-51.5397, 11.4090

■ 7.4656, -13.0648,  
0.7728

0.0000, NaN, NaN

■ 81.2847, -34.0088,  
5.0177

■ 81.2847, -34.0088,  
5.0177

■ 80.1306, -38.7720,  
5.7953

■ 82.6768, -28.4310,  
4.5126

■ 79.2026, -42.7031,  
6.8260

■ 84.3051, -22.0718,  
4.2861

■ 78.4910, -45.8127,  
8.0875

■ 86.1711, -14.9834,  
4.3419

■ 77.9789, -48.1406,  
9.5489

■ 88.2717, -7.2283,  
4.6769

■ 77.6427, -49.7631,  
11.1711

■ 90.6016, 1.1246,  
5.2832

■ 77.4836, -50.5873,  
12.3558

■ 91.6636, 5.0220,  
4.3076

■ 91.8143, 5.8307,  
2.1604

■ 91.9686, 6.6575,  
-0.0346

■ 92.1266, 7.5023,  
-2.2773

# Harmonies

## Analogous

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



81.2863, -30.0368, 18.6767



81.2847, -34.0088, 5.0177



81.2863, -30.5823, -11.7484

# Triad

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



81.2863, -34.0096, 5.0188



81.2863, 11.7503, -27.1109



81.2863, 12.9220, 26.4652

# Complementary

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



81.2847, -34.0088, 5.0177



59.4068, 35.2688, 8.0006

# 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.



81.2863, 25.7181, 17.8343



81.2847, -34.0088, 5.0177



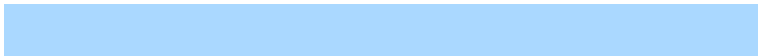
81.2863, 25.0041, -12.9913

# Square

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



81.2863, -34.0096, 5.0188



81.2863, -4.9676, -32.4079



81.2863, 30.3054, 3.8260



81.2863, -3.7137, 29.4162



# Rectangle

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



81.2847, -34.0088, 5.0177



81.2863, -24.3922, -22.1039



81.2863, 30.3054, 3.8260



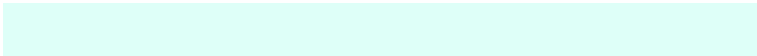
81.2863, 17.8631, 24.2305

# Sweetspot

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



81.2863, -34.0096, 5.0188



96.8618, -16.8690, 4.8803



80.5940, -40.4234, 33.1564



44.5867, -8.6536, 2.2389

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

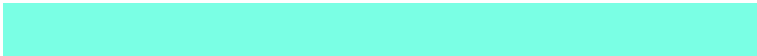


# Same Dimension

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



81.2863, -34.0096, 5.0188



90.1665, -43.2169, 6.4392



72.6349, -17.1290, -16.6536



40.3533, -5.6995, 2.0573



58.3149, -37.9687, 9.0750



15.8922, -10.0788, 1.8933



# Inverse Universe

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



59.4068, 35.2688, 8.0006



61.1993, 49.4955, 10.9530



65.7854, 18.2072, 21.5017



37.9676, 1.7054, 2.3046



31.0677, 53.6156, 16.8872

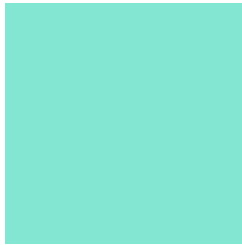


8.5228, 14.8606, 3.4535



# Previews

## White Background



This preview shows how the HunterLab color 81.2847, -34.0088, 5.0177 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

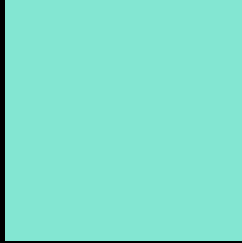
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 81.2847, -34.0088, 5.0177 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

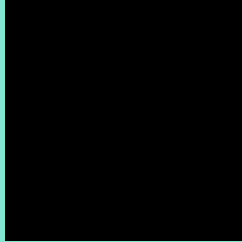
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

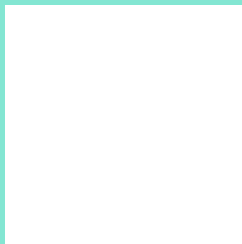
Any Text WCAG AAA ✓ Pass

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

## HunterLab 81.2847, -34.0088, 5.0177 Background



This preview shows how black text looks on a background with the HunterLab color 81.2847, -34.0088, 5.0177.



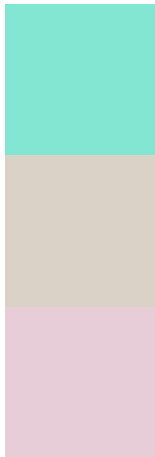
This preview shows how white text looks on a background with the HunterLab color 81.2847,

-34.0088, 5.0177.

# 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

81.2847, -34.0088, 5.0177

### Protanopia

80.6983, -3.4869, 9.9663

### Deuteranopia

80.8653, 5.7843, 2.7930



## Tritanopia

81.1769, -23.4991, -12.3224

# Trichromacy



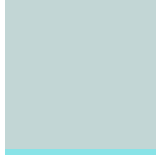
## Original Color

81.2847, -34.0088, 5.0177



## Protanomaly

80.2350, -16.1787, 7.4064



## Deuteranomaly

80.2288, -10.6784, 2.7283



## Tritanomaly

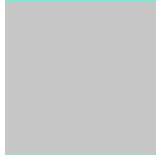
81.2564, -27.5077, -5.5754

# Monochromacy



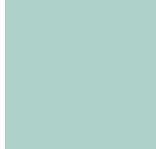
## Original Color

81.2847, -34.0088, 5.0177



## Achromatopsia

75.1473, -4.0097, 4.0829



## Achromatomaly

77.0429, -16.2865, 4.1870

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 81.2847, -34.0088, 5.0177 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(131, 230, 210)` looks like.

```
.text, #text, p{  
    color:rgb(131, 230, 210)  
}
```

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(131, 230, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 230, 210) }
```

## Border

The CSS property to change the border of an element to HunterLab 81.2847, -34.0088, 5.0177 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(131, 230, 210) }
```



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

```
.border{ border-color:rgb(131, 230, 210) }
```

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

Here you see how a box with a 4 pixel rgb(131, 230, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 230, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 230, 210);  
box-shadow:4px 4px 4px 4px rgb(131, 230,  
210) }
```

# Background

The CSS property to change the background color of an element to HunterLab 81.2847, -34.0088, 5.0177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 230, 210) }
```

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

```
.background{ background-color: rgb(131,  
230, 210) }
```

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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