

# Converting Colors

HunterLab(83.5831, -19.3833,  
3.2186)

Have a look what the booklet for  
HunterLab(83.5831, -19.3833,  
3.2186) contains.

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# Color

**HunterLab(83.6237,  
-19.4558, 3.1808)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5E3DC
RGB	181, 227, 220
RGB Percent	71%, 89%, 86%
CMY	0.2902, 0.1098, 0.1372
CMYK	0.20, 0.00, 0.03, 0.11
HSL	171°, 45%, 80%
HSV	171°, 20%, 89%
XYZ	59.4434, 69.9292, 78.0748
YIQ	212.4480, -25.1690, -11.9290

# Conversions

## Conversions Part 2

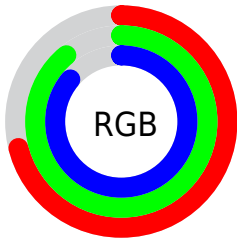
Format	Color
<a href="#">RYB</a>	<a href="#">181, 206, 227</a>
Decimal	<a href="#">11920348</a>
CIELab	<a href="#">86.96, -16.22, -1.49</a>
CIELCh	<a href="#">87, 16.284, 185.247</a>
Yxy	<a href="#">69.9321, 0.2865, 0.3371</a>
Android (android.graphics.Color)	<a href="#">4290110428 (0xFFB5E3DC)</a>
YUV	<a href="#">212.4480, 3.7231, -27.5799</a>
Hunter-Lab	<a href="#">83.6237, -19.4558, 3.1808</a>

# Details

The HunterLab color  $83.6237, -19.4558, 3.1808$  is a light color, and the websafe version is hex  $99CCCC$ . A complement of this color would be  $72.8089, 13.0183, 6.3470$ , and the grayscale version is  $81.3271, -4.3394, 4.4187$ .

A 20% lighter version of the original color is  $98.3588, -11.0929, 3.3851$ , and  $60.6083, -16.8373, 2.2288$  is the 20% darker color. If you saturate the color by 10%, you get  $81.9918, -25.7168, 2.8267$ , and if you desaturate by 10%, it is  $85.4918, -12.4932, 3.8206$ .

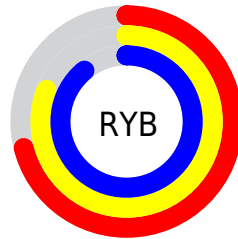
# Distribution



Red (71%)

Green (89%)

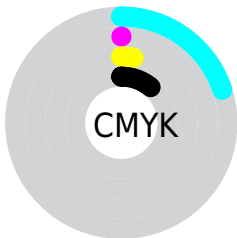
Blue (86%)



Red (71%)

Yellow (81%)

Blue (89%)

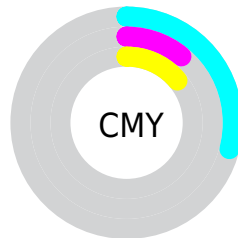


Cyan (20%)

Magenta (0%)

Yellow (3%)

Black (11%)



Cyan (29%)

Magenta (11%)


Yellow (14%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.6237, -19.4558, 3.1808 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 83.6237, -19.4558, 3.1808 by changing the saturation by 10% instead.





 83.6237, -19.4558,  
3.1808

 83.6237, -19.4558,  
3.1808


214.5487,  
-32.3371, 9.8104

 71.7434, -18.0194,  
2.6023


 109.1384,  
-22.3099, 4.4457

 60.4845, -16.5671,  
2.0602


122.7190,  
-23.7322, 5.1261

 49.8852, -15.0927,  
1.5582


136.8205,  
-25.1552, 5.8370

 39.9896, -13.5852,  
1.0998

151.4241,  
-26.5809, 6.5772

 30.8517, -12.0283,  
0.6890

166.5132,  
-28.0108, 7.3456

 22.5405, -10.3959,  
0.3316

182.0727,

 15.1483, -8.6426,

-29.4462, 8.1412

0.0356

198.0888,  
-30.8880, 8.9630

■ 8.7801, -8.5168,  
-0.2251

0.0000, NaN, NaN

■ 83.6237, -19.4558,  
3.1808

■ 83.6237, -19.4558,  
3.1808

■ 81.9918, -25.7168,  
2.8267

■ 85.4918, -12.4932,  
3.8206

■ 80.5917, -31.2208,  
2.7577

■ 87.5876, -4.8862,  
4.7342

■ 79.4228, -35.9323,  
2.9721

■ 89.9074, 3.2969,  
5.9102

■ 78.4789, -39.8335,  
3.4600

■ 90.6262, 5.9398,  
5.1077

■ 77.7498, -42.9297,  
4.2040

■ 90.7367, 6.5317,  
3.5323

■ 77.2205, -45.2539,  
5.1791

■ 90.8492, 7.1335,  
1.9302

■ 76.8696, -46.8718,  
6.3517

■ 90.9637, 7.7454,  
0.3014

■ 76.6592, -47.9194,  
7.6269

■ 91.0803, 8.3672,  
-1.3539

■ 91.1988, 8.9991,  
-3.0358

# Harmonies

## Analogous

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



83.6254, -18.1816, 10.5367



83.6237, -19.4558, 3.1808



83.6254, -16.8425, -4.4835

# Triad

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



83.6254, -19.4572, 3.1820



83.6254, 4.7384, -8.5125



83.6254, 2.1737, 16.9507

# Complementary

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



83.6237, -19.4558, 3.1808



72.8089, 13.0183, 6.3470

# 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.



83.6254, 8.6738, 12.6797



83.6237, -19.4558, 3.1808



83.6254, 10.1937, -1.9106

# Square

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



83.6254, -19.4572, 3.1820



83.6254, -3.0336, -11.6347



83.6254, 11.6606, 5.8991



83.6254, -5.8898, 18.0359



# Rectangle

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



83.6237, -19.4558, 3.1808



83.6254, -13.1842, -8.5973



83.6254, 11.6606, 5.8991



83.6254, 4.6236, 15.8613

# Sweetspot

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



83.6254, -19.4572, 3.1820



98.5209, -10.6712, 4.7621



83.0985, -23.5946, 19.5999



45.5084, -5.1987, 2.1725

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

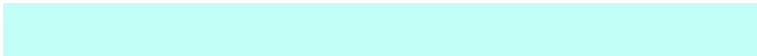


# Same Dimension

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



83.6254, -19.4572, 3.1820



94.6558, -25.0764, 3.4341



78.9257, -10.6019, -6.1473



40.3692, -5.6110, 1.8306



58.5535, -36.5219, 5.6536



15.9493, -9.7336, 1.0767



# Inverse Universe

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



72.8089, 13.0183, 6.3470



80.0450, 18.8770, 7.7499



77.0063, 3.9398, 13.8603



37.9520, 1.6218, 2.5264



30.9906, 53.3303, 18.0259

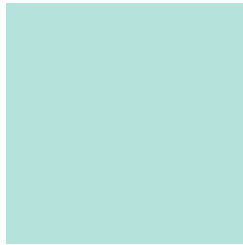


8.4901, 14.7400, 3.9327



# Previews

## White Background



This preview shows how the HunterLab color 83.6237, -19.4558, 3.1808 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

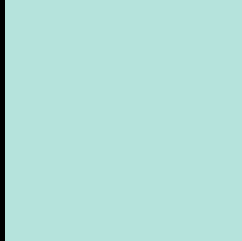
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 83.6237, -19.4558, 3.1808 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

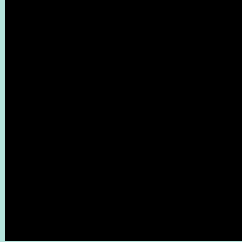
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

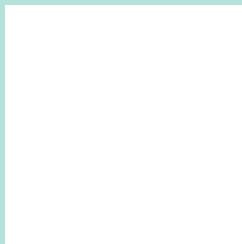
Any Text WCAG AAA ✓ Pass

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

## HunterLab 83.6237, -19.4558, 3.1808 Background



This preview shows how black text looks on a background with the HunterLab color 83.6237, -19.4558, 3.1808.



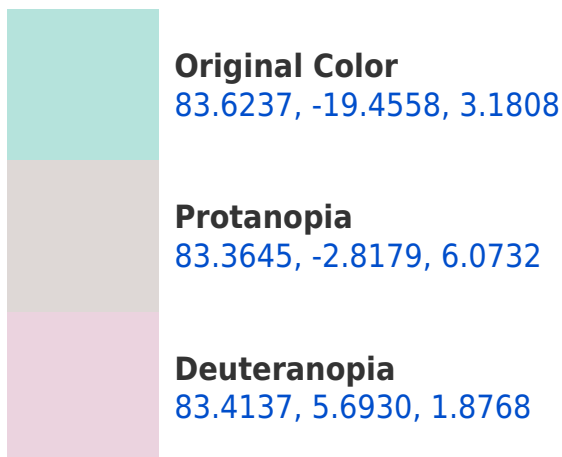
This preview shows how white text looks on a background with the HunterLab color 83.6237,

-19.4558, 3.1808.

# 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

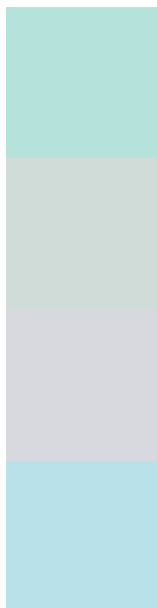




## Tritanopia

83.6878, -12.7397, -8.1694

# Trichromacy



## Original Color

83.6237, -19.4558, 3.1808

## Protanomaly

83.3125, -9.2744, 4.9410

## Deuteranomaly

83.2747, -4.2119, 2.0367

## Tritanomaly

83.6548, -15.0760, -3.8863

# Monochromacy



## Original Color

83.6237, -19.4558, 3.1808

## Achromatopsia

81.1403, -4.3294, 4.4085

## Achromatomaly

81.8227, -9.7532, 3.6625

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 83.6237, -19.4558, 3.1808 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(181, 227, 220)` looks like.

```
.text, #text, p{  
    color:rgb(181, 227, 220)  
}
```

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(181, 227, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 227, 220) }
```

## Border

The CSS property to change the border of an element to HunterLab 83.6237, -19.4558, 3.1808 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(181, 227, 220) }
```



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

```
.border{ border-color:rgb(181, 227, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 227, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 227, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 227, 220);  
box-shadow:4px 4px 4px 4px rgb(181, 227,  
220) }
```

# Background

The CSS property to change the background color of an element to HunterLab 83.6237, -19.4558, 3.1808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 227, 220) }
```

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

```
.background{ background-color: rgb(181,  
227, 220) }
```

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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