

# Converting Colors

HunterLab(83.6154, -33.4398,  
4.3900)

Have a look what the booklet for  
HunterLab(83.6154, -33.4398,  
4.3900) contains.

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# Color

**HunterLab(83.6154,  
-33.4398, 4.3900)**

# Conversions

Conversions Part 1	
Format	Color
Hex	8BEBD9
RGB	139, 235, 217
RGB Percent	55%, 92%, 85%
CMY	0.4549, 0.0784, 0.1490
CMYK	0.41, 0.00, 0.08, 0.08
HSL	169°, 71%, 73%
HSV	169°, 41%, 92%
XYZ	52.8801, 69.9154, 76.3536
YIQ	204.2440, -51.4380, -25.9500

# Conversions

## Conversions Part 2

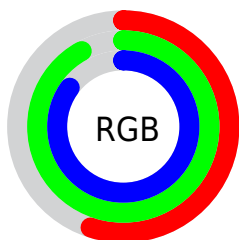
Format	Color
<a href="#">RYB</a>	<a href="#">139, 192, 235</a>
Decimal	<a href="#">9169881</a>
CIELab	<a href="#">86.96, -32.54, -0.18</a>
CIELCh	<a href="#">87, 32.541, 180.309</a>
Yxy	<a href="#">69.9181, 0.2655, 0.3511</a>
Android (android.graphics.Color)	<a href="#">4287359961</a> (0xFF8BEBD9)
YUV	<a href="#">204.2440, 6.2887, -57.2190</a>
Hunter-Lab	<a href="#">83.6154, -33.4398, 4.3900</a>

# Details

The HunterLab color **83.6154, -33.4398, 4.3900** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **62.0996, 33.8442, 8.4004**, and the grayscale version is **77.8020, -4.1513, 4.2271**.

A 20% lighter version of the original color is **95.1187, -22.7571, -0.7582**, and **60.5332, -28.9065, 3.3138** is the 20% darker color. If you saturate the color by 10%, you get **82.3903, -38.4463, 4.9884**, and if you desaturate by 10%, it is **85.0856, -27.6041, 4.0793**.

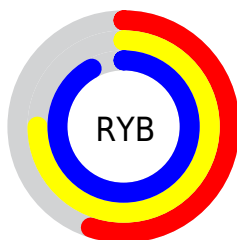
# Distribution



Red (55%)

Green (92%)

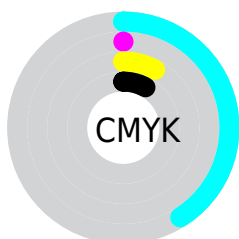
Blue (85%)



Red (55%)

Yellow (75%)

Blue (92%)

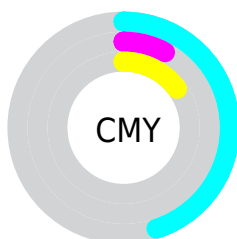


Cyan (41%)

Magenta (0%)

Yellow (8%)

Black (8%)



Cyan (45%)

Magenta (8%)


Yellow (15%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.6154, -33.4398, 4.3900 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 83.6154, -33.4398, 4.3900 by changing the saturation by 10% instead.





 83.6154, -33.4398,  
4.3900


 83.6154, -33.4398,  
4.3900


214.5373,  
-52.5312, 11.4584

 71.7355, -31.1412,  
3.7523


 109.1293,  
-37.8813, 5.7649

 60.4770, -28.7706,  
3.1479


 122.7095,  
-40.0418, 6.4972

 49.8782, -26.3093,  
2.5799


136.8106,  
-42.1722, 7.2580

 39.9831, -23.7293,  
2.0509

151.4139,  
-44.2779, 8.0464

 30.8457, -20.9898,  
1.5639

166.5027,  
-46.3632, 8.8615

 22.5351, -18.0262,  
1.1229


182.0619,

 15.1436, -14.7293,


-48.4319, 9.7023


0.7334


198.0777,  
-50.4871, 10.5682


 8.7758, -15.3577,  
0.3947


0.0000, NaN, NaN


 83.6154, -33.4398,  
4.3900


 83.6154, -33.4398,  
4.3900


 82.3903, -38.4463,  
4.9884


 85.0856, -27.6041,  
4.0793


 81.3989, -42.6014,  
5.8572


 86.7983, -20.9760,  
4.0597

 80.6320, -45.9112,  
6.9763


 88.7546, -13.6115,  
4.3323


 80.0737, -48.4106,  
8.3164


 90.9507, -5.5758,  
4.8917


 79.7011, -50.1696,  
9.8400

 93.2272, 2.5386,  
5.5384

 79.4845, -51.2758,  
11.3410

 93.3686, 3.3009,  
3.5230

 93.5131, 4.0794,  
1.4650

 93.6609, 4.8739,  
-0.6355

 93.7545, 5.3766,  
-1.9644

# Harmonies

## Analogous

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



83.6171, -29.8861, 17.9611



83.6154, -33.4398, 4.3900



83.6171, -29.7383, -11.8592

# Triad

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



83.6171, -33.4407, 4.3911



83.6171, 11.8733, -25.3475



83.6171, 11.5598, 26.4518

# Complementary

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



83.6154, -33.4398, 4.3900



62.0996, 33.8442, 8.4004

# 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.



83.6171, 24.2173, 18.1901



83.6154, -33.4398, 4.3900



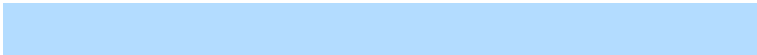
83.6171, 24.4078, -11.5285

# Square

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



83.6171, -33.4407, 4.3911



83.6171, -4.2976, -30.9093



83.6171, 29.0851, 4.7116



83.6171, -4.6345, 29.1284



# Rectangle

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



83.6154, -33.4398, 4.3900



83.6171, -23.4777, -21.6665



83.6171, 29.0851, 4.7116



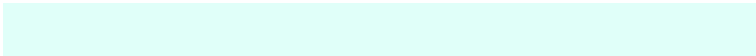
83.6171, 16.4123, 24.3246

# Sweetspot

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



83.6171, -33.4407, 4.3911



97.1016, -15.9454, 4.7003



82.8088, -40.3476, 32.8304



44.7883, -7.8822, 2.1503

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

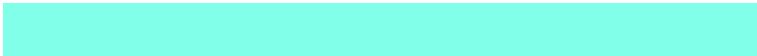


# Same Dimension

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



83.6171, -33.4407, 4.3911



90.5933, -41.3464, 5.3449



74.6515, -16.4302, -16.7140



41.3166, -5.8169, 2.0383



59.3109, -38.1606, 8.2443



16.6578, -10.4656, 1.7714



# Inverse Universe

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



62.0996, 33.8442, 8.4004



62.8923, 46.0923, 10.9532



68.8911, 16.4788, 21.7159



38.8590, 1.7306, 2.4263



31.5357, 54.3712, 17.5457

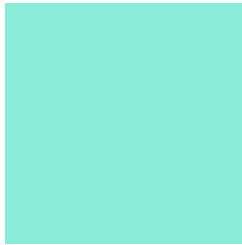


8.9100, 15.5056, 3.8429



# Previews

## White Background



This preview shows how the HunterLab color 83.6154, -33.4398, 4.3900 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

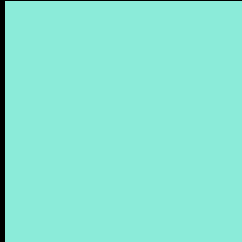
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 83.6154, -33.4398, 4.3900 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

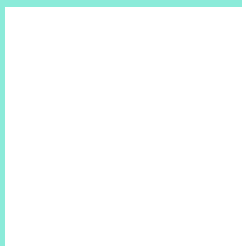
Any Text WCAG AAA ✓ Pass

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

## HunterLab 83.6154, -33.4398, 4.3900 Background



This preview shows how black text looks on a background with the HunterLab color 83.6154, -33.4398, 4.3900.



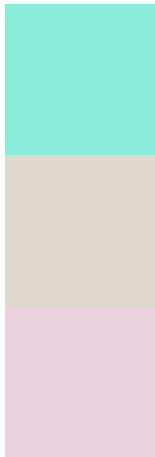
This preview shows how white text looks on a background with the HunterLab color 83.6154,

-33.4398, 4.3900.

# 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

83.6154, -33.4398, 4.3900

### Protanopia

83.2202, -3.7967, 9.6118

### Deuteranopia

83.0839, 6.0513, 1.9858



## **Tritanopia**

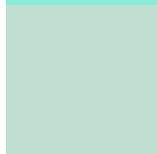
83.4483, -23.1926, -12.6623

# Trichromacy



## Original Color

83.6154, -33.4398, 4.3900



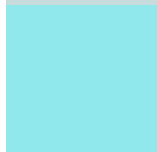
## Protanomaly

82.8462, -16.2250, 7.1294



## Deuteranomaly

82.5286, -10.1764, 2.0314



## Tritanomaly

83.5206, -27.2383, -5.8883

# Monochromacy



## Original Color

83.6154, -33.4398, 4.3900



## Achromatopsia

77.7063, -4.1462, 4.2219



## Achromatomaly

79.3143, -15.8498, 3.5033

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 83.6154, -33.4398, 4.3900 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(139, 235, 217)` looks like.

```
.text, #text, p{  
    color:rgb(139, 235, 217)  
}
```

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(139, 235, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 235, 217) }
```

## Border

The CSS property to change the border of an element to HunterLab 83.6154, -33.4398, 4.3900 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(139, 235, 217) }
```



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

```
.border{ border-color:rgb(139, 235, 217) }
```

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

Here you see how a box with a 4 pixel rgb(139, 235, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 235, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 235, 217);  
box-shadow:4px 4px 4px 4px rgb(139, 235,  
217) }
```

# Background

The CSS property to change the background color of an element to HunterLab 83.6154, -33.4398, 4.3900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 235, 217) }
```

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

```
.background{ background-color: rgb(139,  
235, 217) }
```

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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