

# Converting Colors

HunterLab(86.6069, -60.0220,  
22.0595)

Have a look what the booklet for  
HunterLab(86.6069, -60.0220,  
22.0595) contains.

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# Color

**HunterLab(86.6121,  
-59.9952, 22.0244)**

# Conversions

## Conversions Part 1

Format	Color
Hex	11FFB6
RGB	17, 255, 182
RGB Percent	7%, 100%, 71%
CMY	0.9332, 0.0000, 0.2863
CMYK	0.93, 0.00, 0.29, 0.00
HSL	162°, 100%, 53%
HSV	162°, 93%, 100%
XYZ	44.4347, 75.0166, 56.3937
YIQ	175.5160, -118.4150, -73.1590

# Conversions

## Conversions Part 2

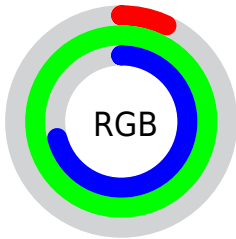
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	17, 158, 255
Decimal	1179574
CIE <sub>Lab</sub>	89.40, -66.25, 21.11
CIE <sub>LCh</sub>	89, 69.535, 162.327
Yxy	75.0169, 0.2527, 0.4266
Android (android.graphics.Color)	4279369654 (0xFF11FFB6)
YUV	175.5160, 3.1966, -139.0185
Hunter-Lab	86.6121, -59.9952, 22.0244

# Details

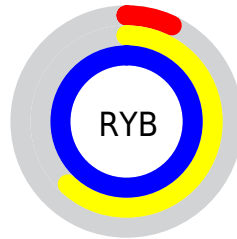
The HunterLab color **86.6121, -59.9952, 22.0244** is a light color, and the websafe version is hex **00FFCC**. The color can be described as light washed spring green. A complement of this color would be **47.3289, 80.4315, 18.4481**, and the grayscale version is **65.7147, -3.5064, 3.5704**.

A 20% lighter version of the original color is **90.3020, -42.0678, 1.7976**, and **64.4341, -46.4706, 19.7796** is the 20% darker color. If you saturate the color by 10%, you get **86.4208, -61.0291, 23.7258**, and if you desaturate by 10%, it is **87.0250, -57.9177, 19.4893**.

# Distribution



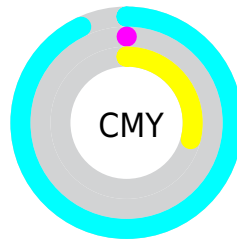
- Red (7%)
- Green (100%)
- Blue (71%)



- Red (7%)
- Yellow (62%)
- Blue (100%)



- Cyan (93%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)




- Cyan (93%)
- Magenta (0%)
- Yellow (29%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 86.6121, -59.9952, 22.0244 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 86.6121, -59.9952, 22.0244 by changing the saturation by 10% instead.





 86.6121, -59.9952,  
22.0244


 86.6121, -59.9952,  
22.0244


218.6265,  
-92.5045, 36.8030


 74.5833, -55.8206,  
20.3201


 112.3994,  
-67.8817, 25.3640


 63.1694, -51.4513,  
18.5833


 126.1088,  
-71.6416, 27.0122


 52.4056, -46.8422,  
16.8017


 140.3343,  
-75.3019, 28.6513

 42.3339, -41.9322,  
14.9589

 155.0577,  
-78.8760, 30.2845

 33.0057, -36.6359,  
13.0312

 170.2628,  
-82.3749, 31.9144

 24.4855, -30.8280,  
10.9824


185.9348,

 16.8591, -25.0135,


-85.8077, 33.5430


8.7672


202.0602,  
-89.1820, 35.1721


 10.2468, -17.9318,  
7.1727


0.0000, NaN, NaN


 86.6121, -59.9952,  
22.0244


 86.6121, -59.9952,  
22.0244

 86.4208, -61.0291,  
23.7258

 87.0250, -57.9177,  
19.4893

 87.6418, -55.0046,  
17.0430

 88.4902, -51.1677,  
14.7339

 89.5894, -46.3646,  
12.6042

90.9523, -40.5887,  
10.6897

92.5864, -33.8636,  
9.0190

94.4947, -26.2370,  
7.6136

96.6763, -17.7745,  
6.4877

99.1270, -8.5536,  
5.6484

# Harmonies

## Analogous

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



86.6123, -45.5378, 40.0088



86.6121, -59.9952, 22.0244



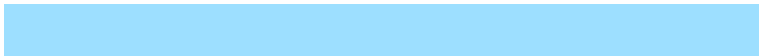
86.6123, -61.1774, -10.1385

# Triad

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



86.6123, -59.9943, 22.0237



86.6123, 10.2548, -84.3502



86.6123, 51.1139, 37.7547

# Complementary

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



86.6121, -59.9952, 22.0244



47.3289, 80.4315, 18.4481

# 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.



86.6123, 71.6376, 17.3287



86.6121, -59.9952, 22.0244



86.6123, 45.6505, -57.4267

# Square

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



86.6123, -59.9943, 22.0237



86.6123, -24.1721, -81.4459



86.6123, 69.4925, -17.1214



86.6123, 16.8234, 46.2834



# Rectangle

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



86.6121, -59.9952, 22.0244



86.6123, -54.5844, -37.1104



86.6123, 69.4925, -17.1214



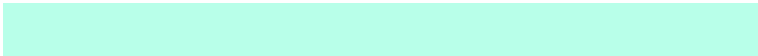
86.6123, 60.0798, 32.4934

# Sweetspot

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



86.6123, -59.9943, 22.0237



93.5681, -29.9121, 8.2368



85.9393, -66.6609, 51.4218



42.9179, -15.3296, 4.1014

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



86.6123, -59.9943, 22.0237



86.4208, -61.0291, 23.7258



73.5613, -27.6223, -31.4087



45.1453, -6.6335, 2.8375



62.4922, -43.9783, 16.8266



19.5499, -13.4164, 4.5266



# Inverse Universe

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



47.3289, 80.4315, 18.4481



46.7046, 81.1676, 20.9976



49.5996, 67.9200, 31.1169



42.5192, 2.1596, 2.0499



33.7951, 58.7993, 14.6743

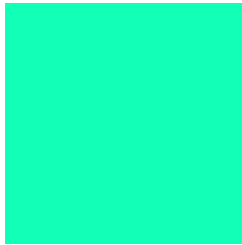


10.6328, 18.6692, 3.3031



# Previews

## White Background



This preview shows how the HunterLab color 86.6121, -59.9952, 22.0244 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

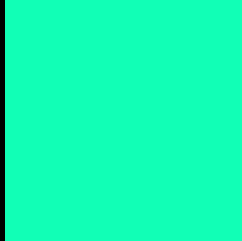
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 86.6121, -59.9952, 22.0244 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

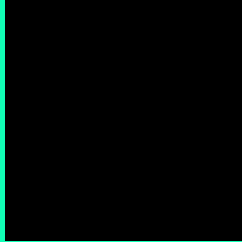
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

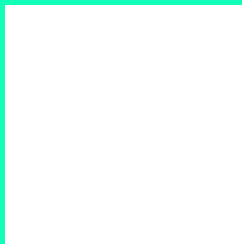
Any Text WCAG AAA ✓ Pass

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

## HunterLab 86.6121, -59.9952, 22.0244 Background



This preview shows how black text looks on a background with the HunterLab color 86.6121, -59.9952, 22.0244.



This preview shows how white text looks on a background with the HunterLab color 86.6121, -59.9952, 22.0244.

-59.9952, 22.0244.

# Color Blindness Simulation

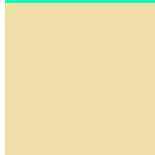
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



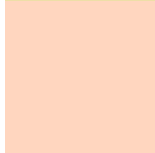
### Original Color

86.6121, -59.9952, 22.0244



### Protanopia

85.5627, -7.1306, 27.2651



### Deuteranopia

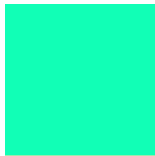
85.5071, 6.2823, 18.6216



## Tritanopia

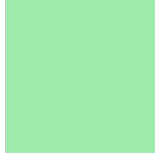
86.0836, -28.4964, -12.6155

# Trichromacy



## Original Color

86.6121, -59.9952, 22.0244



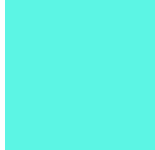
## Protanomaly

83.1224, -36.0098, 22.7499



## Deuteranomaly

82.4587, -29.0424, 16.0931



## Tritanomaly

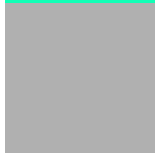
85.5462, -43.1444, 1.0870

# Monochromacy



## Original Color

86.6121, -59.9952, 22.0244



## Achromatopsia

65.8903, -3.5157, 3.5799



## Achromatomaly

71.2240, -31.0652, 8.2819

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 86.6121, -59.9952, 22.0244 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(17, 255, 182)` looks like.

```
.text, #text, p{  
    color:rgb(17, 255, 182)  
}
```

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(17, 255, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 255, 182) }
```

## Border

The CSS property to change the border of an element to HunterLab 86.6121, -59.9952, 22.0244 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(17, 255, 182) }
```



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

```
.border{ border-color:rgb(17, 255, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 255, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 255, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 255, 182);  
box-shadow:4px 4px 4px 4px rgb(17, 255,  
182) }
```

# Background

The CSS property to change the background color of an element to HunterLab 86.6121, -59.9952, 22.0244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 255, 182) }
```

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

```
.background{ background-color: rgb(17, 255,  
182) }
```

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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