

# Converting Colors

HunterLab(87.8328, -54.4714,  
19.1135)

Have a look what the booklet for  
HunterLab(87.8328, -54.4714,  
19.1135) contains.

<b>HunterLab(87.8431, -54.4295, 19.1228)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(87.8431,  
-54.4295, 19.1228)**

# Conversions

## Conversions Part 1

Format	Color
Hex	52FFC1
RGB	82, 255, 193
RGB Percent	32%, 100%, 76%
CMY	0.6784, 0.0000, 0.2431
CMYK	0.68, 0.00, 0.24, 0.00
HSL	158°, 100%, 66%
HSV	158°, 68%, 100%
XYZ	48.8653, 77.1641, 62.7708
YIQ	196.2050, -83.2060, -55.9580

# Conversions

## Conversions Part 2

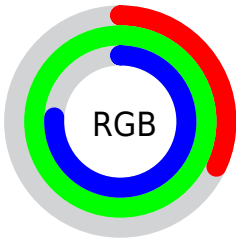
<b>Format</b>	<b>Color</b>
<b>RYB</b>	82, 187, 255
Decimal	5439425
CIELab	90.40, -58.06, 16.99
CIELCh	90, 60.490, 163.690
Yxy	77.1645, 0.2588, 0.4087
Android (android.graphics.Color)	4283629505 (0xFF52FFC1)
YUV	196.2050, -1.5801, -100.1578
Hunter-Lab	87.8431, -54.4295, 19.1228

# Details

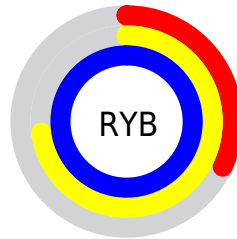
The HunterLab color **87.8431, -54.4295, 19.1228** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light muted cyan. A complement of this color would be **54.1379, 67.7810, 5.6481**, and the grayscale version is **74.4172, -3.9707, 4.0432**.

A 20% lighter version of the original color is **92.0933, -34.3826, -2.0817**, and **64.6503, -45.1441, 16.6460** is the 20% darker color. If you saturate the color by 10%, you get **87.0806, -57.9829, 21.8192**, and if you desaturate by 10%, it is **88.8528, -49.8989, 16.5328**.

# Distribution



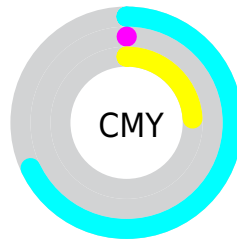
- Red (32%)
- Green (100%)
- Blue (76%)



- Red (32%)
- Yellow (73%)
- Blue (100%)



- Cyan (68%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)




- Cyan (68%)
- Magenta (0%)
- Yellow (24%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.8431, -54.4295, 19.1228 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 87.8431, -54.4295, 19.1228 by changing the saturation by 10% instead.





 87.8431, -54.4295,  
19.1228


 87.8431, -54.4295,  
19.1228


220.3008,  
-83.5113, 32.3403


 75.7548, -50.7433,  
17.6389


 113.7416,  
-61.4250, 22.0590


 64.2781, -46.8983,  
16.1381


 127.5033,  
-64.7742, 23.5207

 53.4478, -42.8568,  
14.6115


 141.7792,  
-68.0433, 24.9817

 43.3050, -38.5681,  
13.0473

 156.5513,  
-71.2432, 26.4443

 33.9000, -33.9602,  
11.4282

171.8036,  
-74.3830, 27.9102

 25.2960, -28.9269,  
9.7276

187.5214,

 17.5758, -23.3539,

-77.4701, 29.3808

7.9019

203.6912,  
-80.5111, 30.8572

■ 10.8555, -18.9972,  
7.2405

■ 2.0971, -3.6699,  
1.4680

■ 87.8431, -54.4295,  
19.1228

■ 87.8431, -54.4295,  
19.1228

■ 87.0806, -57.9829,  
21.8192

■ 88.8528, -49.8989,  
16.5328

■ 86.5423, -60.6213,  
24.5768

■ 90.1245, -44.3749,  
14.0933

■ 86.1937, -62.4648,  
27.3394

■ 91.6679, -37.8707,  
11.8398

■ 86.1315, -62.8061,  
27.9235

■ 93.4876, -30.4280,  
9.8023

■ 95.5841, -22.1088,  
8.0037

■ 97.9542, -12.9899,  
6.4596

100.0000, -5.3358,  
5.4332

# Harmonies

## Analogous

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



87.8433, -41.8289, 36.4427



87.8431, -54.4295, 19.1228



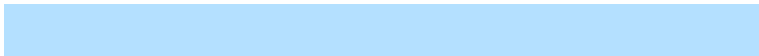
87.8433, -54.9600, -9.5585

# Triad

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



87.8433, -54.4286, 19.1221



87.8433, 9.7055, -69.0512



87.8433, 42.1469, 35.3760

# Complementary

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



87.8431, -54.4295, 19.1228



54.1379, 67.7810, 5.6481

# 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.



87.8433, 60.2620, 17.0493



87.8431, -54.4295, 19.1228



87.8433, 39.8682, -46.2239

# Square

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



87.8433, -54.4286, 19.1221



87.8433, -20.6474, -67.8973



87.8433, 59.3750, -12.4769



87.8433, 12.4907, 43.3809



# Rectangle

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



87.8431, -54.4295, 19.1228



87.8433, -48.5720, -32.3756



87.8433, 59.3750, -12.4769



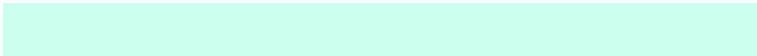
87.8433, 49.9586, 30.5549

# Sweetspot

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



87.8433, -54.4286, 19.1221



95.1081, -23.9754, 8.3709



88.4244, -55.7523, 48.1574



43.7236, -12.1899, 4.1021

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



87.8433, -54.4286, 19.1221



86.8876, -58.9113, 22.6862



81.6641, -32.8181, -18.9409



45.1270, -6.7356, 3.0990



62.2845, -45.2538, 19.8397



19.4887, -13.7912, 5.4121



# Inverse Universe

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



54.1379, 67.7810, 5.6481



49.8275, 77.0806, 9.9605



56.5571, 51.9566, 27.3902



42.5378, 2.2596, 1.7848



33.9600, 59.4059, 12.2664

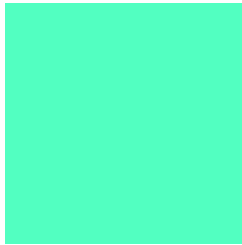


10.6905, 18.8808, 2.4669



# Previews

## White Background



This preview shows how the HunterLab color 87.8431, -54.4295, 19.1228 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

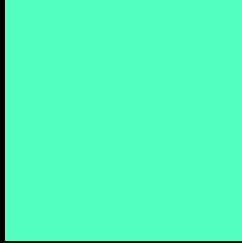
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 87.8431, -54.4295, 19.1228 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

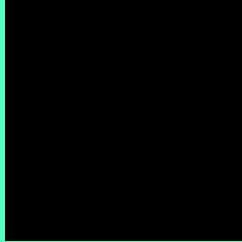
Any Text WCAG AA ✓ Pass

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 87.8431, -54.4295, 19.1228 Background



This preview shows how black text looks on a background with the HunterLab color 87.8431, -54.4295, 19.1228.



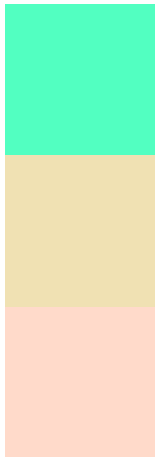
This preview shows how white text looks on a background with the HunterLab color 87.8431,

-54.4295, 19.1228.

# 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

87.8431, -54.4295, 19.1228

### Protanopia

86.9657, -6.4662, 24.3990

### Deuteranopia

86.9868, 5.7224, 15.6154



## Tritanopia

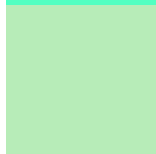
87.4129, -25.2711, -10.7490

# Trichromacy



## Original Color

87.8431, -54.4295, 19.1228



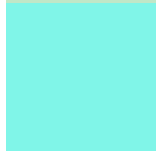
## Protanomaly

85.7431, -28.9406, 20.9709



## Deuteranomaly

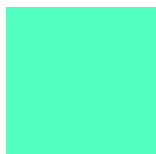
85.1363, -21.8840, 14.4483



## Tritanomaly

87.0174, -37.1606, 0.9516

# Monochromacy



## Original Color

87.8431, -54.4295, 19.1228



## Achromatopsia

74.2975, -3.9643, 4.0367



## Achromatomaly

77.8039, -25.6190, 8.1497

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.8431, -54.4295, 19.1228 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(82, 255, 193)` looks like.

```
.text, #text, p{  
    color:rgb(82, 255, 193)  
}
```

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(82, 255, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 255, 193) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.8431, -54.4295, 19.1228 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(82, 255, 193) }
```



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

```
.border{ border-color:rgb(82, 255, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 255, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 255, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 255, 193);  
box-shadow:4px 4px 4px 4px rgb(82, 255,  
193) }
```

# Background

The CSS property to change the background color of an element to HunterLab 87.8431, -54.4295, 19.1228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 255, 193) }
```

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

```
.background{ background-color: rgb(82, 255,  
193) }
```

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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