

# Converting Colors

HunterLab(82.4029, -54.1959,  
15.2073)

Have a look what the booklet for  
HunterLab(82.4029, -54.1959,  
15.2073) contains.

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# Color

**HunterLab(82.4363,  
-54.2100, 15.2215)**

# Conversions

## Conversions Part 1

Format	Color
Hex	17F3BD
RGB	23, 243, 189
RGB Percent	9%, 95%, 74%
CMY	0.9097, 0.0470, 0.2588
CMYK	0.91, 0.00, 0.22, 0.05
HSL	165°, 90%, 52%
HSV	165°, 91%, 95%
XYZ	41.5892, 67.9574, 59.0693
YIQ	171.0640, -113.7860, -63.4340

# Conversions

## Conversions Part 2

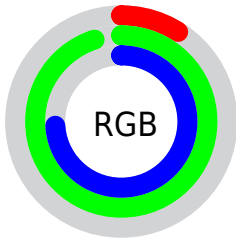
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	23, 148, 243
Decimal	1569725
CIE Lab	85.99, -60.00, 12.72
CIE LCh	86, 61.333, 168.029
Yxy	67.9601, 0.2467, 0.4030
Android (android.graphics.Color)	4279759805 (0xFF17F3BD)
YUV	171.0640, 8.8424, -129.8521
Hunter-Lab	82.4363, -54.2100, 15.2215

# Details

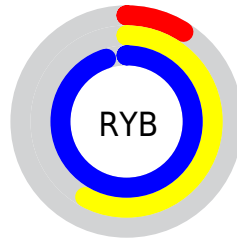
The HunterLab color **82.4363, -54.2100, 15.2215** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed spring green. A complement of this color would be **44.9501, 74.6627, 19.7385**, and the grayscale version is **63.8439, -3.4065, 3.4688**.

A 20% lighter version of the original color is **90.4956, -40.8522, -1.5499**, and **60.7416, -41.6385, 13.9638** is the 20% darker color. If you saturate the color by 10%, you get **82.1809, -55.5546, 17.2075**, and if you desaturate by 10%, it is **82.8578, -52.1822, 13.2125**.

# Distribution



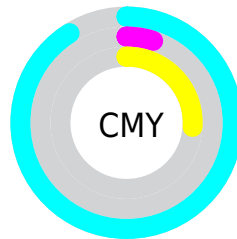
- Red (9%)
- Green (95%)
- Blue (74%)



- Red (9%)
- Yellow (58%)
- Blue (95%)



- Cyan (91%)
- Magenta (0%)
- Yellow (22%)
- Black (5%)




- Cyan (91%)
- Magenta (5%)
- Yellow (26%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 82.4363, -54.2100, 15.2215 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 82.4363, -54.2100, 15.2215 by changing the saturation by 10% instead.





 82.4363, -54.2100,  
15.2215


 82.4363, -54.2100,  
15.2215


212.9212,  
-84.3868, 26.8362


 70.6153, -50.3447,  
13.9570


 107.8402,  
-61.5170, 17.7537

 59.4191, -46.2960,  
12.6865


 121.3688,  
-65.0020, 19.0255


 48.8866, -42.0208,  
11.4045


 135.4202,  
-68.3967, 20.3040

 39.0624, -37.4577,  
10.1018

 149.9756,  
-71.7138, 21.5905

 30.0019, -32.5189,  
8.7646

 165.0180,  
-74.9635, 22.8862

 21.7760, -27.0722,  
7.3704

180.5321,

 14.4798, -22.6588,

-78.1543, 24.1920

5.8794

196.5041,  
-81.2933, 25.5085

■ 8.1409, -14.2466,  
5.6986

0.0000, NaN, NaN

■ 82.4363, -54.2100,  
15.2215

■ 82.4363, -54.2100,  
15.2215


■ 82.1809, -55.5546,  
17.2075


■ 82.8578, -52.1822,  
13.2125


■ 83.4749, -49.3609,  
11.3536


■ 84.3125, -45.6764,  
9.6874


■ 85.3871, -41.0962,  
8.2479

 86.7095, -35.6192,  
7.0620

 88.2859, -29.2704,  
6.1492

 90.1183, -22.0956,  
5.5218

 92.2055, -14.1562,  
5.1851

 94.5433, -5.5237,  
5.1383

# Harmonies

## Analogous

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



82.4379, -43.5689, 33.7175



82.4363, -54.2100, 15.2215



82.4379, -53.0111, -14.6761

# Triad

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



82.4379, -54.2105, 15.2223



82.4379, 14.5093, -67.9722



82.4379, 38.5128, 36.0821

# Complementary

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



82.4363, -54.2100, 15.2215



44.9501, 74.6627, 19.7385

# 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.



82.4379, 58.9755, 19.9294



82.4363, -54.2100, 15.2215



82.4379, 43.7925, -42.1169

# Square

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



82.4379, -54.2105, 15.2223



82.4379, -16.1972, -70.6931



82.4379, 61.0369, -7.9189



82.4379, 8.0938, 42.4906



# Rectangle

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



82.4363, -54.2100, 15.2215



82.4379, -45.6336, -37.7207



82.4379, 61.0369, -7.9189



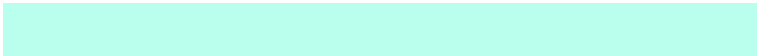
82.4379, 46.9629, 31.9510

# Sweetspot

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



82.4379, -54.2105, 15.2223



93.8918, -28.3931, 6.2316



81.1085, -64.1433, 48.2623



43.1461, -14.2926, 3.0037

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



82.4379, -54.2105, 15.2223



86.8007, -58.7055, 18.2351



65.2868, -19.8791, -37.1268



43.2252, -6.2157, 2.4161



60.8998, -41.0434, 12.4815



18.0992, -11.8956, 3.0568



# Inverse Universe

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



44.9501, 74.6627, 19.7385



46.4913, 80.3800, 24.1326



49.5666, 56.7449, 30.5652



40.6807, 1.9359, 2.2609



32.6386, 56.4916, 16.4621

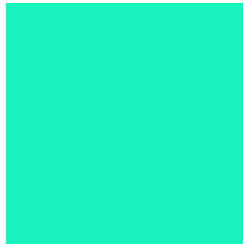


9.7568, 17.0449, 3.6990



# Previews

## White Background



This preview shows how the HunterLab color 82.4363, -54.2100, 15.2215 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

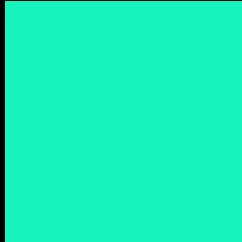
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 82.4363, -54.2100, 15.2215 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

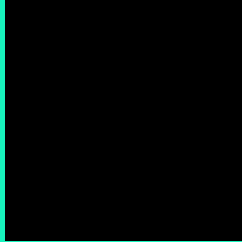
Any Text WCAG AA ✓ Pass

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 82.4363, -54.2100, 15.2215 Background



This preview shows how black text looks on a background with the HunterLab color 82.4363, -54.2100, 15.2215.



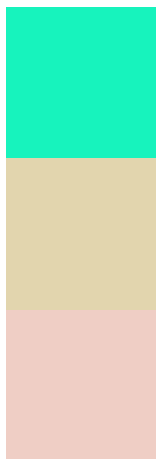
This preview shows how white text looks on a background with the HunterLab color 82.4363, -54.2100, 15.2215.

-54.2100, 15.2215.

# 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

82.4363, -54.2100, 15.2215

### Protanopia

81.7394, -5.9069, 21.2176

### Deuteranopia

81.5626, 5.5277, 11.9566



## Tritanopia

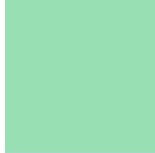
82.1932, -34.6132, -16.9928

# Trichromacy



## Original Color

82.4363, -54.2100, 15.2215



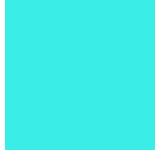
## Protanomaly

79.5245, -32.0082, 16.6459



## Deuteranomaly

78.7602, -25.4945, 9.6636



## Tritanomaly

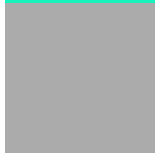
81.9641, -42.5795, -4.3928

# Monochromacy



## Original Color

82.4363, -54.2100, 15.2215



## Achromatopsia

63.8154, -3.4050, 3.4672



## Achromatomaly

68.5046, -27.8033, 5.2715

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 82.4363, -54.2100, 15.2215 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(23, 243, 189)` looks like.

```
.text, #text, p{  
    color:rgb(23, 243, 189)  
}
```

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(23, 243, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 243, 189) }
```

## Border

The CSS property to change the border of an element to HunterLab 82.4363, -54.2100, 15.2215 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(23, 243, 189) }
```



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

```
.border{ border-color:rgb(23, 243, 189) }
```

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

Here you see how a box with a 4 pixel rgb(23, 243, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 243, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 243, 189);  
box-shadow:4px 4px 4px 4px rgb(23, 243,  
189) }
```

# Background

The CSS property to change the background color of an element to HunterLab 82.4363, -54.2100, 15.2215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 243, 189) }
```

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

```
.background{ background-color: rgb(23, 243,  
189) }
```

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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