

# Converting Colors

HunterLab(79.8974, -54.2998,  
17.3528)

Have a look what the booklet for  
HunterLab(79.8974, -54.2998,  
17.3528) contains.

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# Color

**HunterLab(79.8390,  
-54.2680, 17.3572)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00EDB1
RGB	0, 237, 177
RGB Percent	0%, 93%, 69%
CMY	0.9999, 0.0706, 0.3059
CMYK	1.00, 0.00, 0.25, 0.07
HSL	165°, 100%, 46%
HSV	165°, 100%, 93%
XYZ	38.2200, 63.7427, 51.8840
YIQ	159.2970, -121.9920, -68.9040

# Conversions

## Conversions Part 2

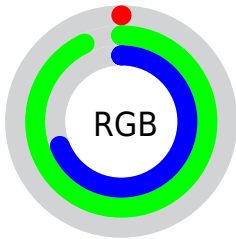
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 136, 237</a>
Decimal	<a href="#">60849</a>
CIELab	<a href="#">83.83, -61.26, 15.91</a>
CIELCh	<a href="#">84, 63.289, 165.441</a>
Yxy	<a href="#">63.7452, 0.2484, 0.4143</a>
Android (android.graphics.Color)	<a href="#">4278250929 (0xFF00EDB1)</a>
YUV	<a href="#">159.2970, 8.7276, -139.7035</a>
Hunter-Lab	<a href="#">79.8390, -54.2680, 17.3572</a>

# Details

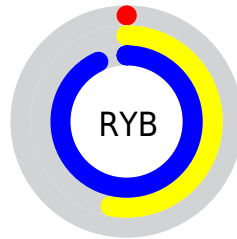
The HunterLab color **79.8390, -54.2680, 17.3572** is a dark color, and the websafe version is hex **00FFCC**. The color can be described as middle washed spring green. A complement of this color would be **42.8165, 74.0830, 21.7538**, and the grayscale version is **59.0091, -3.1486, 3.2061**.

A 20% lighter version of the original color is **89.8792, -44.0399, 3.7582**, and **58.3933, -41.1753, 15.8992** is the 20% darker color. If you saturate the color by 10%, you get **79.8402, -54.2704, 17.3608**, and if you desaturate by 10%, it is **80.1127, -52.8482, 15.2832**.

# Distribution



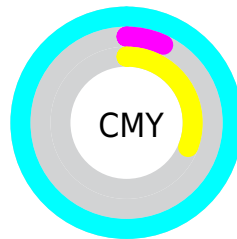
- Red (0%)
- Green (93%)
- Blue (69%)



- Red (0%)
- Yellow (53%)
- Blue (93%)



- Cyan (100%)
- Magenta (0%)
- Yellow (25%)
- Black (7%)




- Cyan (100%)
- Magenta (7%)
- Yellow (31%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 79.8390, -54.2680, 17.3572 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 79.8390, -54.2680, 17.3572 by changing the saturation by 10% instead.




 79.8390, -54.2680,  
17.3572


 79.8390, -54.2680,  
17.3572


209.3487,  
-85.1287, 30.1614


 68.1501, -50.2912,  
15.9223


 104.9971,  
-61.7673, 20.1991

 57.0934, -46.1173,  
14.4682


 118.4105,  
-65.3368, 21.6134


 46.7093, -41.6986,  
12.9861


 132.3510,  
-68.8101, 23.0275

 37.0445, -36.9677,  
11.4624

 146.7992,  
-72.2005, 24.4438

 28.1571, -31.8269,  
9.8760

 161.7381,  
-75.5192, 25.8641

 20.1222, -26.1288,  
8.1933

177.1519,

 13.0424, -22.8241,

-78.7753, 27.2897

6.6061

193.0264,  
-81.9763, 28.7218

■ 6.5140, -11.3996,  
4.5598

0.0000, NaN, NaN

■ 79.8390, -54.2680,  
17.3572

■ 79.8390, -54.2680,  
17.3572

■ 79.8402, -54.2704,  
17.3608

■ 80.1127, -52.8482,  
15.2832

■ 80.5354, -50.8100,  
13.2908

■ 81.1514, -47.9945,  
11.4416

■ 81.9829, -44.3367,  
9.7758

■ 83.0452, -39.8076,  
8.3265

■ 84.3485, -34.4084,  
7.1198

■ 85.8985, -28.1651,  
6.1749

■ 87.6970, -21.1237,  
5.5040

■ 89.7425, -13.3446,  
5.1125

# Harmonies

## Analogous

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



79.8406, -42.5434, 34.8315



79.8390, -54.2680, 17.3572



79.8406, -54.0934, -12.3215

# Triad

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



79.8406, -54.2685, 17.3579



79.8406, 12.2795, -72.1753



79.8406, 42.1478, 35.1702

# Complementary

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



79.8390, -54.2680, 17.3572



42.8165, 74.0830, 21.7538

# 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.



79.8406, 61.8993, 18.0497



79.8390, -54.2680, 17.3572



79.8406, 42.9403, -46.7233

# Square

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



79.8406, -54.2685, 17.3579



79.8406, -18.7402, -72.5910



79.8406, 62.2097, -11.3082



79.8406, 11.3224, 42.1145



# Rectangle

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



79.8390, -54.2680, 17.3572



79.8406, -47.3563, -36.1509



79.8406, 62.2097, -11.3082



79.8406, 50.4971, 30.7845

# Sweetspot

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



79.8406, -54.2685, 17.3579



93.3161, -30.7009, 6.7216



78.5078, -63.8364, 47.2579



42.8279, -15.5805, 3.2950

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



79.8406, -54.2685, 17.3579



86.7506, -59.0113, 18.9578



62.8111, -19.1058, -37.2626



41.2952, -5.9361, 2.3436



59.0112, -39.9841, 12.5554



16.5825, -10.9225, 2.8520



# Inverse Universe

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



42.8165, 74.0830, 21.7538



46.5152, 80.4684, 23.7802



45.5727, 62.4605, 29.1739



38.8801, 1.8443, 2.1246



31.6636, 54.8439, 15.6615

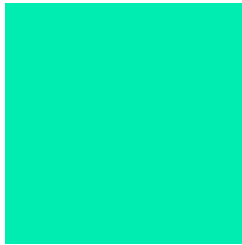


8.9577, 15.6810, 3.1470



# Previews

## White Background



This preview shows how the HunterLab color 79.8390, -54.2680, 17.3572 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

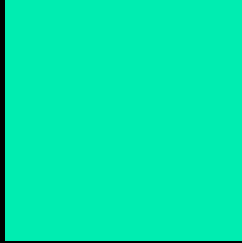
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 79.8390, -54.2680, 17.3572 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

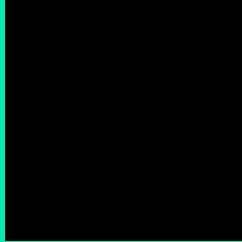
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

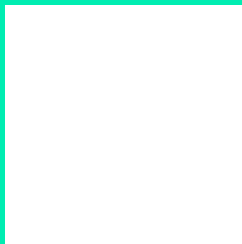
Any Text WCAG AAA ✓ Pass

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

## HunterLab 79.8390, -54.2680, 17.3572 Background



This preview shows how black text looks on a background with the HunterLab color 79.8390, -54.2680, 17.3572.



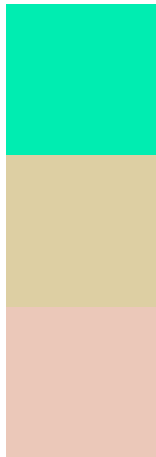
This preview shows how white text looks on a background with the HunterLab color 79.8390,

-54.2680, 17.3572.

# 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

79.8390, -54.2680, 17.3572

### Protanopia

79.1468, -6.0248, 22.7073

### Deuteranopia

79.0402, 5.4734, 14.3701



## Tritanopia

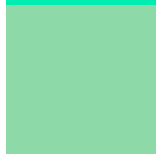
79.7979, -33.7103, -16.2004

# Trichromacy



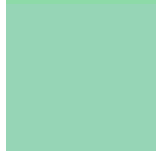
## Original Color

79.8390, -54.2680, 17.3572



## Protanomaly

76.5720, -33.4734, 17.9126



## Deuteranomaly

75.7957, -27.1016, 11.6120



## Tritanomaly

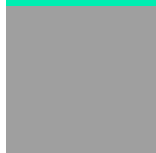
79.3730, -42.5473, -2.9340

# Monochromacy



## Original Color

79.8390, -54.2680, 17.3572



## Achromatopsia

58.8816, -3.1418, 3.1991



## Achromatomaly

64.0785, -28.5120, 5.6053

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 79.8390, -54.2680, 17.3572 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(0, 237, 177)` looks like.

```
.text, #text, p{  
    color:rgb(0, 237, 177)  
}
```

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(0, 237, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 237, 177) }
```

## Border

The CSS property to change the border of an element to HunterLab 79.8390, -54.2680, 17.3572 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(0, 237, 177) }
```



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

```
.border{ border-color:rgb(0, 237, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 237, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 237, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 237, 177);  
box-shadow:4px 4px 4px 4px rgb(0, 237,  
177) }
```

# Background

The CSS property to change the background color of an element to HunterLab 79.8390, -54.2680, 17.3572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 237, 177) }
```

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

```
.background{ background-color: rgb(0, 237,  
177) }
```

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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