

# Converting Colors

HunterLab(79.7785, -54.9081,  
19.7133)

Have a look what the booklet for  
HunterLab(79.7785, -54.9081,  
19.7133) contains.

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# Color

**HunterLab(79.7730,  
-54.8327, 19.5604)**

# Conversions

## Conversions Part 1

Format	Color
Hex	12EDAB
RGB	18, 237, 171
RGB Percent	7%, 93%, 67%
CMY	0.9293, 0.0706, 0.3294
CMYK	0.92, 0.00, 0.28, 0.07
HSL	162°, 86%, 50%
HSV	162°, 92%, 93%
XYZ	37.8844, 63.6373, 48.8146
YIQ	163.9950, -109.3380, -66.9540

# Conversions

## Conversions Part 2

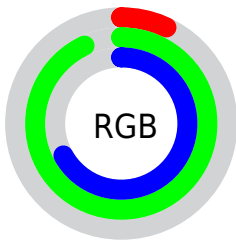
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">18, 147, 237</a>
Decimal	<a href="#">1240491</a>
CIELab	<a href="#">83.78, -62.10, 18.96</a>
CIELCh	<a href="#">84, 64.932, 163.024</a>
Yxy	<a href="#">63.6398, 0.2520, 0.4233</a>
Android (android.graphics.Color)	<a href="#">4279430571 (0xFF12EDAB)</a>
YUV	<a href="#">163.9950, 3.4535, -128.0376</a>
Hunter-Lab	<a href="#">79.7730, -54.8327, 19.5604</a>

# Details

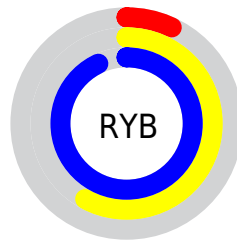
The HunterLab color **79.7730, -54.8327, 19.5604** is a dark color, and the websafe version is hex **00FFCC**. The color can be described as middle washed spring green. A complement of this color would be **43.6795, 73.7192, 16.8142**, and the grayscale version is **60.9494, -3.2521, 3.3115**.

A 20% lighter version of the original color is **89.7710, -44.9005, 7.0095**, and **58.2876, -41.8239, 17.4314** is the 20% darker color. If you saturate the color by 10%, you get **79.5664, -55.9458, 21.3198**, and if you desaturate by 10%, it is **80.1731, -52.8501, 17.2719**.

# Distribution



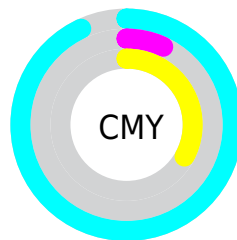
- Red (7%)
- Green (93%)
- Blue (67%)



- Red (7%)
- Yellow (58%)
- Blue (93%)



- Cyan (92%)
- Magenta (0%)
- Yellow (28%)
- Black (7%)




- Cyan (93%)
- Magenta (7%)
- Yellow (33%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 79.7730, -54.8327, 19.5604 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 79.7730, -54.8327, 19.5604 by changing the saturation by 10% instead.




 79.7730, -54.8327,  
19.5604

 79.7730, -54.8327,  
19.5604


209.2577,  
-86.0534, 33.5375


 68.0875, -50.8043,  
17.9593


 104.9248,  
-62.4260, 22.7059


 57.0344, -46.5748,  
16.3270


 118.3352,  
-66.0387, 24.2603


 46.6541, -42.0957,  
14.6520


 132.2729,  
-69.5530, 25.8083

 36.9934, -37.2984,  
12.9168

 146.7184,  
-72.9828, 27.3527

 28.1104, -32.0837,  
11.0952

 161.6546,  
-76.3391, 28.8961

 20.0805, -26.3023,  
9.1455

177.0658,

 13.0063, -22.7610,

-79.6313, 30.4404

7.5756

192.9378,  
-82.8672, 31.9871

■ 6.4671, -11.3174,  
4.5270

0.0000, NaN, NaN

■ 79.7730, -54.8327,  
19.5604

■ 79.7730, -54.8327,  
19.5604

■ 79.5664, -55.9458,  
21.3198

■ 80.1731, -52.8501,  
17.2719

■ 80.7613, -50.0927,  
15.0741

■ 81.5632, -46.4874,  
13.0112

■ 82.5954, -41.9994,  
11.1208

■ 83.8690, -36.6259,  
9.4343

■ 85.3905, -30.3908,  
7.9764

■ 87.1621, -23.3391,  
6.7657

■ 89.1829, -15.5313,  
5.8136

■ 91.4488, -7.0387,  
5.1256

# Harmonies

## Analogous

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



79.7746, -41.9271, 36.2928



79.7730, -54.8327, 19.5604



79.7746, -55.6317, -9.9493

# Triad

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



79.7746, -54.8333, 19.5611



79.7746, 10.0298, -75.9267



79.7746, 45.6837, 34.7639

# Complementary

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



79.7730, -54.8327, 19.5604



43.6795, 73.7192, 16.8142

# 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.



79.7746, 64.6805, 16.3982



79.7730, -54.8327, 19.5604



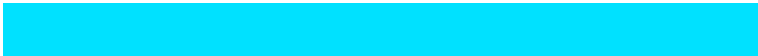
79.7746, 42.0229, -51.1358

# Square

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



79.7746, -54.8333, 19.5611



79.7746, -21.3818, -73.9894



79.7746, 63.2443, -14.6290



79.7746, 14.4380, 42.4050



# Rectangle

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



79.7730, -54.8327, 19.5604



79.7746, -49.4274, -34.4250



79.7746, 63.2443, -14.6290



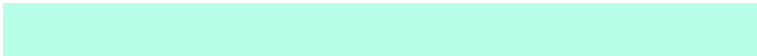
79.7746, 53.9184, 30.0344

# Sweetspot

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



79.7746, -54.8333, 19.5611



93.5797, -29.8451, 8.0699



79.1570, -61.0438, 47.2782



42.9241, -15.2940, 4.0131

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



79.7746, -54.8333, 19.5611



86.4523, -60.8357, 23.2689



67.9052, -25.5944, -28.5637



41.2796, -6.0230, 2.5663



58.8106, -41.2104, 15.4533



16.5312, -11.2350, 3.5906



# Inverse Universe

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



43.6795, 73.7192, 16.8142



46.6838, 81.0909, 21.3024



45.9261, 61.7159, 28.6399



38.8957, 1.9283, 1.9017



31.7829, 55.2841, 13.9104

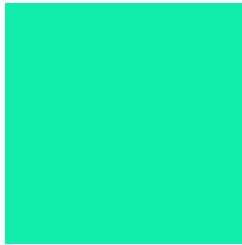


8.9984, 15.8304, 2.5556



# Previews

## White Background



This preview shows how the HunterLab color 79.7730, -54.8327, 19.5604 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 79.7730, -54.8327, 19.5604 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

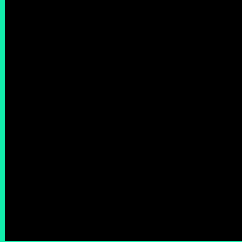
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

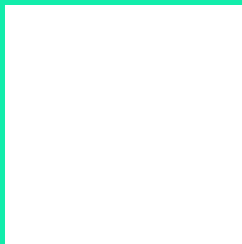
Any Text WCAG AAA ✓ Pass

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

## HunterLab 79.7730, -54.8327, 19.5604 Background



This preview shows how black text looks on a background with the HunterLab color 79.7730, -54.8327, 19.5604.



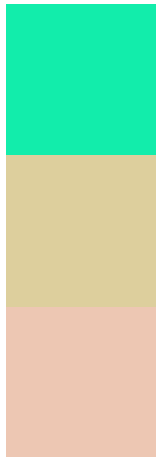
This preview shows how white text looks on a background with the HunterLab color 79.7730, -54.8327, 19.5604.

-54.8327, 19.5604.

# 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

79.7730, -54.8327, 19.5604

### Protanopia

79.0140, -6.7559, 24.6342

### Deuteranopia

78.8074, 5.8820, 16.5780



## Tritanopia

79.5597, -32.8562, -16.5263

# Trichromacy



## Original Color

79.7730, -54.8327, 19.5604



## Protanomaly

76.7818, -32.9487, 20.3405



## Deuteranomaly

76.0863, -26.3240, 14.4161



## Tritanomaly

79.4583, -42.3430, -1.7867

# Monochromacy



## Original Color

79.7730, -54.8327, 19.5604



## Achromatopsia

60.9293, -3.2510, 3.3104



## Achromatomaly

65.9023, -28.2181, 7.2236

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 79.7730, -54.8327, 19.5604 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(18, 237, 171)` looks like.

```
.text, #text, p{  
    color:rgb(18, 237, 171)  
}
```

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(18, 237, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 237, 171) }
```

## Border

The CSS property to change the border of an element to HunterLab 79.7730, -54.8327, 19.5604 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(18, 237, 171) }
```



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

```
.border{ border-color:rgb(18, 237, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 237, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 237, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 237, 171);  
box-shadow:4px 4px 4px 4px rgb(18, 237,  
171) }
```

# Background

The CSS property to change the background color of an element to HunterLab 79.7730, -54.8327, 19.5604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 237, 171) }
```

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

```
.background{ background-color: rgb(18, 237,  
171) }
```

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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