

# Converting Colors

HunterLab(80.0927, -78.0238,  
8.5812)

Have a look what the booklet for  
HunterLab(80.0927, -78.0238,  
8.5812) contains.

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# Color

**HunterLab(85.1166,  
-55.8867, 14.2549)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00FAC6
RGB	0, 250, 198
RGB Percent	0%, 98%, 78%
CMY	0.9998, 0.0196, 0.2235
CMYK	1.00, 0.00, 0.21, 0.02
HSL	168°, 100%, 49%
HSV	168°, 100%, 98%
XYZ	44.3786, 72.4484, 65.0709
YIQ	169.3220, -132.3080, -69.1720

# Conversions

## Conversions Part 2

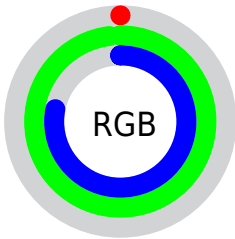
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 140, 250
Decimal	64198
CIELab	88.19, -61.17, 11.16
CIELCh	88, 62.184, 169.657
Yxy	72.4512, 0.2440, 0.3983
Android (android.graphics.Color)	4278254278 (0xFF00FAC6)
YUV	169.3220, 14.1383, -148.4954
Hunter-Lab	85.1166, -55.8867, 14.2549

# Details

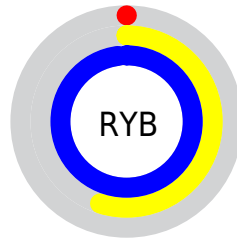
The HunterLab color **85.1166, -55.8867, 14.2549** is a light color, and the websafe version is hex **00FFCC**. The color can be described as light saturated cyan. A complement of this color would be **45.3585, 78.2202, 25.0658**, and the grayscale version is **63.1102, -3.3674, 3.4289**.

A 20% lighter version of the original color is **90.7661, -39.1140, -6.5545**, and **63.0182, -42.6309, 13.2606** is the 20% darker color. If you saturate the color by 10%, you get **85.1179, -55.8892, 14.2589**, and if you desaturate by 10%, it is **85.3828, -54.5233, 12.3362**.

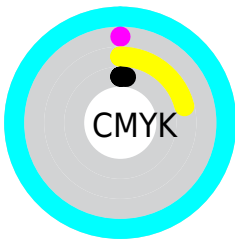
# Distribution



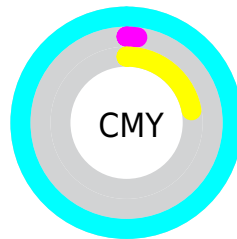
- Red (0%)
- Green (98%)
- Blue (78%)



- Red (0%)
- Yellow (55%)
- Blue (98%)



- Cyan (100%)
- Magenta (0%)
- Yellow (21%)
- Black (2%)




- Cyan (100%)
- Magenta (2%)
- Yellow (22%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.1166, -55.8867, 14.2549 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 85.1166, -55.8867, 14.2549 by changing the saturation by 10% instead.





 85.1166, -55.8867,  
14.2549


 85.1166, -55.8867,  
14.2549


216.5896,  
-86.3921, 25.3166


 73.1624, -51.9886,  
13.0700


 110.7690,  
-63.2644, 16.6428


 61.8255, -47.9106,  
11.8854


 124.4143,  
-66.7860, 17.8482


 51.1434, -43.6110,  
10.6972


 138.5781,  
-70.2178, 19.0636

 41.1591, -39.0320,  
9.4985

 153.2419,  
-73.5720, 20.2899

 31.9253, -34.0910,  
8.2791

 168.3893,  
-76.8588, 21.5278

 23.5088, -28.6654,  
7.0221

184.0053,

 15.9982, -23.3089,

-80.0865, 22.7779

5.6984

200.0762,  
-83.2623, 24.0408

■ 9.5201, -16.6601,  
5.3806

0.0000, NaN, NaN

■ 85.1166, -55.8867,  
14.2549

■ 85.1166, -55.8867,  
14.2549

■ 85.1179, -55.8892,  
14.2589

■ 85.3828, -54.5233,  
12.3362

■ 85.8060, -52.5142,  
10.5399

■ 86.4326, -49.6932,  
8.9305

■ 87.2867, -45.9877,  
7.5491

■ 88.3849, -41.3634,  
6.4283

■ 89.7388, -35.8181,  
5.5923

■ 91.3546, -29.3759,  
5.0576

■ 93.2347, -22.0829,  
4.8329

■ 95.3778, -14.0008,  
4.9196

# Harmonies

## Analogous

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



85.1183, -45.6134, 33.9157



85.1166, -55.8867, 14.2549



85.1183, -53.9936, -16.8851

# Triad

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



85.1183, -55.8872, 14.2557



85.1183, 16.5878, -68.5315



85.1183, 37.8745, 37.6614

# Complementary

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



85.1166, -55.8867, 14.2549



45.3585, 78.2202, 25.0658

# 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.



85.1183, 59.6348, 21.6808



85.1166, -55.8867, 14.2549



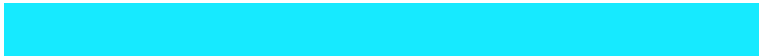
85.1183, 46.1720, -41.2074

# Square

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



85.1183, -55.8872, 14.2557



85.1183, -15.0517, -72.7946



85.1183, 62.8727, -6.2630



85.1183, 6.4948, 43.8245



# Rectangle

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



85.1166, -55.8867, 14.2549



85.1183, -45.9828, -40.4242



85.1183, 62.8727, -6.2630



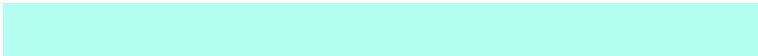
85.1183, 46.7375, 33.5989

# Sweetspot

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



85.1183, -55.8872, 14.2557



93.4244, -30.0777, 5.1745



83.1646, -68.8725, 50.0391



42.8848, -15.2516, 2.4833

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



85.1183, -55.8872, 14.2557



87.0528, -57.1699, 14.6049



62.6222, -14.3481, -47.2966



44.2076, -6.2902, 2.2832



62.0084, -40.5976, 10.1335



18.9108, -12.1140, 2.5139



# Inverse Universe

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



45.3585, 78.2202, 25.0658



46.3870, 79.9942, 25.6711



49.8136, 62.1466, 31.7815



41.5744, 1.9189, 2.4969



33.0586, 57.0620, 17.8868

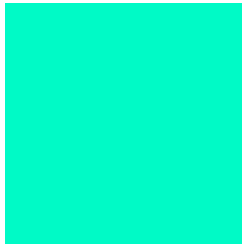


10.1333, 17.6335, 4.3776



# Previews

## White Background



This preview shows how the HunterLab color 85.1166, -55.8867, 14.2549 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

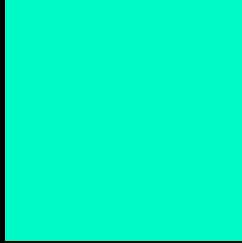
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 85.1166, -55.8867, 14.2549 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

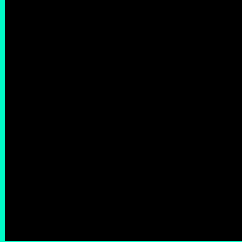
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

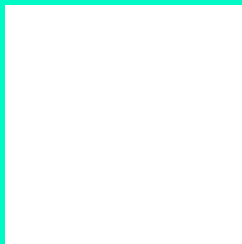
Any Text WCAG AAA ✓ Pass

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

## HunterLab 85.1166, -55.8867, 14.2549 Background



This preview shows how black text looks on a background with the HunterLab color 85.1166, -55.8867, 14.2549.



This preview shows how white text looks on a background with the HunterLab color 85.1166, -55.8867, 14.2549.

-55.8867, 14.2549.

# Color Blindness Simulation

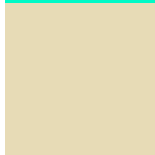
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



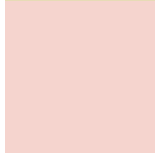
### Original Color

85.1166, -55.8867, 14.2549



### Protanopia

84.2789, -6.1561, 20.6905



### Deuteranopia

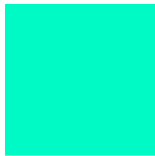
84.2352, 5.8822, 10.9080



## Tritanopia

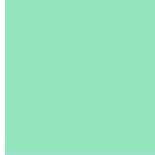
84.8610, -31.3562, -14.3578

# Trichromacy



## Original Color

85.1166, -55.8867, 14.2549



## Protanomaly

81.5031, -34.4251, 15.0089



## Deuteranomaly

81.1002, -28.1651, 8.1750



## Tritanomaly

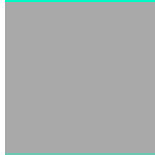
84.1791, -42.6656, -3.7027

# Monochromacy



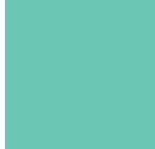
## Original Color

85.1166, -55.8867, 14.2549



## Achromatopsia

62.9885, -3.3609, 3.4223



## Achromatomaly

68.4628, -29.5556, 4.2744

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 85.1166, -55.8867, 14.2549 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, 250, 198)` looks like.

```
.text, #text, p{  
    color:rgb(0, 250, 198)  
}
```

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, 250, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 250, 198) }
```

## Border

The CSS property to change the border of an element to HunterLab 85.1166, -55.8867, 14.2549 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, 250, 198) }
```



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

```
.border{ border-color:rgb(0, 250, 198) }
```

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

Here you see how a box with a 4 pixel rgb(0, 250, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 250, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 250, 198);  
box-shadow:4px 4px 4px 4px rgb(0, 250,  
198) }
```

# Background

The CSS property to change the background color of an element to HunterLab 85.1166, -55.8867, 14.2549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 250, 198) }
```

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

```
.background{ background-color: rgb(0, 250,  
198) }
```

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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