

# Converting Colors

HunterLab(87.3291, -37.4211,  
19.2356)

Have a look what the booklet for  
HunterLab(87.3291, -37.4211,  
19.2356) contains.

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# Color

**HunterLab(87.5124,  
-37.5684, 19.4805)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A0F5C0
RGB	160, 245, 192
RGB Percent	63%, 96%, 75%
CMY	0.3725, 0.0392, 0.2471
CMYK	0.35, 0.00, 0.22, 0.04
HSL	143°, 81%, 79%
HSV	143°, 35%, 96%
XYZ	56.6641, 76.5842, 61.6648
YIQ	213.5430, -33.6470, -34.5030

# Conversions

## Conversions Part 2

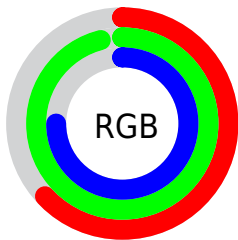
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	160, 222, 245
Decimal	10548672
CIE <sub>Lab</sub>	90.13, -36.64, 17.51
CIE <sub>LCh</sub>	90, 40.611, 154.455
Yxy	76.5874, 0.2907, 0.3929
Android (android.graphics.Color)	4288738752 (0xFFA0F5C0)
YUV	213.5430, -10.6207, -46.9572
Hunter-Lab	87.5124, -37.5684, 19.4805

# Details

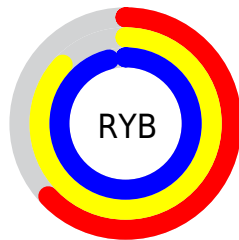
The HunterLab color **87.5124, -37.5684, 19.4805** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **70.2567, 35.1827, -9.2195**, and the grayscale version is **81.8618, -4.3679, 4.4477**.

A 20% lighter version of the original color is **96.4942, -18.1496, 4.0737**, and **63.8785, -32.4376, 16.4762** is the 20% darker color. If you saturate the color by 10%, you get **85.8276, -44.8903, 23.4659**, and if you desaturate by 10%, it is **89.4868, -29.2633, 15.3988**.

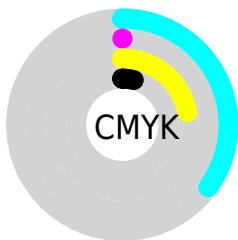
# Distribution



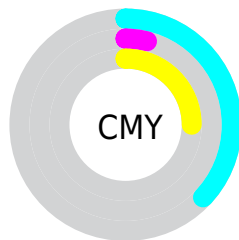
- Red (63%)
- Green (96%)
- Blue (75%)



- Red (63%)
- Yellow (87%)
- Blue (96%)



- Cyan (35%)
- Magenta (0%)
- Yellow (22%)
- Black (4%)




- Cyan (37%)
- Magenta (4%)
- Yellow (25%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.5124, -37.5684, 19.4805 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 87.5124, -37.5684, 19.4805 by changing the saturation by 10% instead.




 87.5124, -37.5684,  
19.4805


 87.5124, -37.5684,  
19.4805


219.8536,  
-58.1705, 32.8956

 75.4416, -35.0699,  
17.9704


 113.3829,  
-42.3869, 22.4691

 63.9816, -32.4896,  
16.4398


 127.1307,  
-44.7253, 23.9542

 53.1690, -29.8081,  
14.8809


141.3931,  
-47.0274, 25.4376

 43.0451, -26.9964,  
13.2813

156.1522,  
-49.2993, 26.9216

 33.6606, -24.0127,  
11.6228

171.3920,  
-51.5457, 28.4081

 25.0788, -20.7928,  
9.8774

187.0975,

 17.3836, -17.2315,

-53.7708, 29.8985

7.9993

203.2555,  
-55.9781, 31.3940

■ 10.6919, -15.8463,  
7.4843

■ 1.2059, -2.1103,  
0.8441

■ 87.5124, -37.5684,  
19.4805

■ 87.5124, -37.5684,  
19.4805

■ 85.8276, -44.8903,  
23.4659

■ 89.4868, -29.2633,  
15.3988

■ 84.4253, -51.1588,  
27.3016

■ 91.7427, -20.0563,  
11.2658

■ 83.3010, -56.3362,  
30.9382

■ 94.2759, -10.0460,  
7.1263

■ 82.4425, -60.4183,  
34.3276

■ 96.7815, -0.3485,  
2.6442

■ 81.8306, -63.4429,  
37.4258

■ 96.8441, -0.0090,  
1.7538

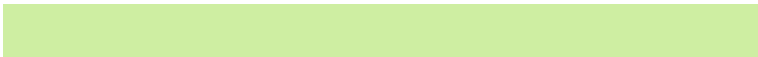
■ 81.4371, -65.4999,  
40.1938

■ 81.2924, -66.2968,  
41.5074

# Harmonies

## Analogous

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



87.5142, -25.9407, 30.4505



87.5124, -37.5684, 19.4805



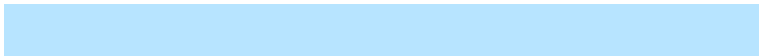
87.5142, -40.7108, 1.7913

# Triad

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



87.5142, -37.5698, 19.4815



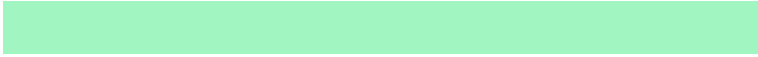
87.5142, -1.5817, -41.6480



87.5142, 30.3762, 23.4845

# Complementary

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



87.5124, -37.5684, 19.4805



70.2567, 35.1827, -9.2195

# 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.



87.5142, 38.3407, 7.6352



87.5124, -37.5684, 19.4805



87.5142, 18.8394, -32.2754

# Square

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



87.5142, -37.5698, 19.4815



87.5142, -21.0814, -36.4241



87.5142, 33.9364, -13.0589

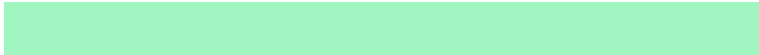


87.5142, 13.0384, 32.3598



# Rectangle

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



87.5124, -37.5684, 19.4805



87.5142, -37.8387, -12.2827



87.5142, 33.9364, -13.0589



87.5142, 34.3077, 18.9486

# Sweetspot

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



87.5142, -37.5698, 19.4815



97.2102, -16.1914, 9.7634



90.6187, -27.2306, 33.6017



44.8031, -8.1684, 4.7995

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

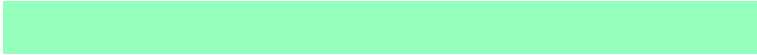


# Same Dimension

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



87.5142, -37.5698, 19.4815



90.2479, -45.0849, 23.4832



88.7148, -30.5923, 2.2721



43.0990, -6.9197, 4.2196



59.6860, -48.5300, 30.1600



17.7491, -14.0485, 8.1420



# Inverse Universe

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



70.2567, 35.1827, -9.2195



68.7738, 45.8569, -12.0586



68.9266, 28.5763, 9.6865



40.8122, 2.6415, 0.3890



34.2353, 62.3169, -6.4668

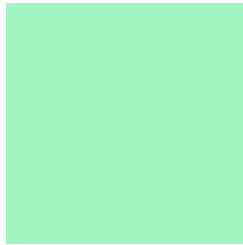


10.2471, 18.8258, -3.2799



# Previews

## White Background



This preview shows how the HunterLab color 87.5124, -37.5684, 19.4805 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 87.5124, -37.5684, 19.4805 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

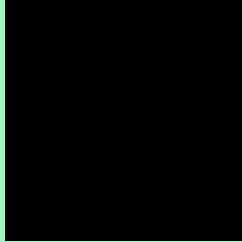
Any Text WCAG AA ✓ Pass

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 87.5124, -37.5684, 19.4805 Background



This preview shows how black text looks on a background with the HunterLab color 87.5124, -37.5684, 19.4805.



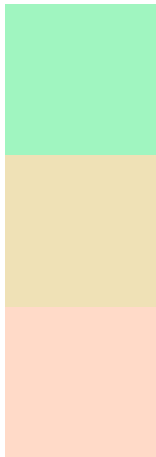
This preview shows how white text looks on a background with the HunterLab color 87.5124, -37.5684, 19.4805.

-37.5684, 19.4805.

# 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

87.5124, -37.5684, 19.4805

### Protanopia

86.9359, -6.4293, 23.2745

### Deuteranopia

86.9327, 5.4323, 16.3945



## Tritanopia

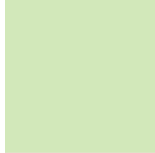
87.2981, -18.8406, -10.7916

# Trichromacy



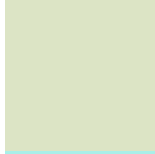
## Original Color

87.5124, -37.5684, 19.4805



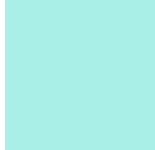
## Protanomaly

86.5795, -18.9518, 21.2059



## Deuteranomaly

86.4486, -12.2477, 16.8264



## Tritanomaly

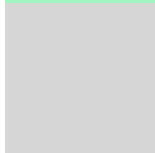
87.1747, -26.0251, 1.3373

# Monochromacy



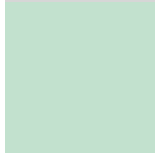
## Original Color

87.5124, -37.5684, 19.4805



## Achromatopsia

82.0026, -4.3755, 4.4554



## Achromatomaly

83.5320, -17.2959, 9.7230

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.5124, -37.5684, 19.4805 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(160, 245, 192)` looks like.

```
.text, #text, p{  
    color:rgb(160, 245, 192)  
}
```

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(160, 245, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 245, 192) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.5124, -37.5684, 19.4805 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(160, 245, 192) }
```



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

```
.border{ border-color:rgb(160, 245, 192) }
```

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

Here you see how a box with a 4 pixel rgb(160, 245, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 245, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 245, 192);  
box-shadow:4px 4px 4px 4px rgb(160, 245,  
192) }
```

# Background

The CSS property to change the background color of an element to HunterLab 87.5124, -37.5684, 19.4805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 245, 192) }
```

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

```
.background{ background-color: rgb(160,  
245, 192) }
```

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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