

# Converting Colors

HunterLab(87.6025, -26.8254,  
1.2626)

Have a look what the booklet for  
HunterLab(87.6025, -26.8254,  
1.2626) contains.

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# Color

**HunterLab(87.4804,  
-26.5487, 1.1918)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A8F0E9
RGB	168, 240, 233
RGB Percent	66%, 94%, 91%
CMY	0.3412, 0.0588, 0.0863
CMYK	0.30, 0.00, 0.03, 0.06
HSL	174°, 71%, 80%
HSV	174°, 30%, 94%
XYZ	62.0165, 76.5282, 88.5936
YIQ	217.6740, -40.6650, -17.4410

# Conversions

## Conversions Part 2

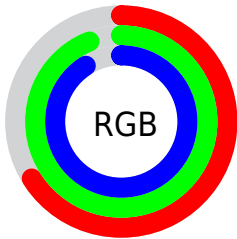
<b>Format</b>	<b>Color</b>
<b>RYB</b>	168, 206, 240
Decimal	11071721
CIELab	90.11, -23.68, -3.78
CIELCh	90, 23.975, 189.059
Yxy	76.5313, 0.2730, 0.3369
Android (android.graphics.Color)	4289261801 (0xFFA8F0E9)
YUV	217.6740, 7.5557, -43.5641
Hunter-Lab	87.4804, -26.5487, 1.1918

# Details

The HunterLab color **87.4804, -26.5487, 1.1918** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **70.4470, 22.8643, 9.6727**, and the grayscale version is **83.5732, -4.4593, 4.5407**.

A 20% lighter version of the original color is **97.3384, -14.7226, 2.0949**, and **64.0047, -23.0817, 0.5043** is the 20% darker color. If you saturate the color by 10%, you get **86.0251, -32.1865, 0.5086**, and if you desaturate by 10%, it is **89.1893, -20.0999, 2.1881**.

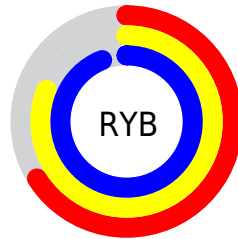
# Distribution



Red (66%)

Green (94%)

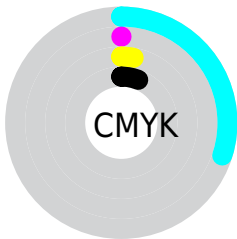
Blue (91%)



Red (66%)

Yellow (81%)

Blue (94%)

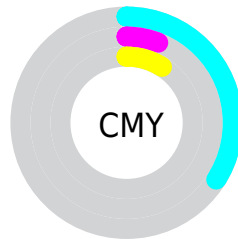


Cyan (30%)

Magenta (0%)

Yellow (3%)

Black (6%)



Cyan (34%)

Magenta (6%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.4804, -26.5487, 1.1918 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 87.4804, -26.5487, 1.1918 by changing the saturation by 10% instead.



87.4804, -26.5487,  
1.1918

87.4804, -26.5487,  
1.1918

219.8100,  
-42.2069, 7.1586

75.4111, -24.7348,  
0.7011

113.3480,  
-30.1040, 2.2918

63.9527, -22.8836,  
0.2509

127.0944,  
-31.8548, 2.8943

53.1418, -20.9846,  
-0.1543

141.3555,  
-33.5938, 3.5300

43.0198, -19.0215,  
-0.5103

156.1134,  
-35.3242, 4.1972

33.6373, -16.9704,  
-0.8118

171.3519,  
-37.0488, 4.8948

25.0577, -14.7943,  
-1.0519

187.0562,

17.3649, -12.4315,

-38.7696, 5.6216

-1.2204

203.2131,  
-40.4885, 6.3765

■ 10.6760, -10.5680,  
-1.3026

■ 1.0804, -1.8908,  
-14.4245

■ 87.4804, -26.5487,  
1.1918

■ 87.4804, -26.5487,  
1.1918

■ 86.0251, -32.1865,  
0.5086

■ 89.1893, -20.0999,  
2.1881

■ 84.8151, -36.9736,  
0.1363

■ 91.1461, -12.8891,  
3.4854

■ 83.8455, -40.8953,  
0.0705

■ 93.3490, -4.9810,  
5.0718

■ 83.1049, -43.9607,  
0.2970

■ 94.8757, 0.4333,  
5.8064

■ 82.5768, -46.2084,  
0.7928

■ 94.9502, 0.8371,  
4.7435

■ 82.2383, -47.7112,  
1.5247

■ 95.0256, 1.2452,  
3.6687

■ 82.0457, -48.6321,  
2.4327

■ 95.1019, 1.6579,  
2.5821

■ 95.1791, 2.0751,  
1.4837

■ 95.2572, 2.4967,  
0.3736

# Harmonies

## Analogous

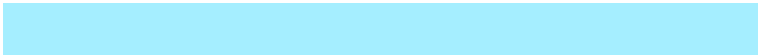
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.4822, -25.4221, 12.3316



87.4804, -26.5487, 1.1918



87.4822, -22.0690, -10.4165

# Triad

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



87.4822, -26.5498, 1.1931



87.4822, 10.5265, -14.2931



87.4822, 3.8268, 23.0645

# Complementary

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



87.4804, -26.5487, 1.1918



70.4470, 22.8643, 9.6727

# 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.



87.4822, 14.1994, 17.6295



87.4804, -26.5487, 1.1918



87.4822, 18.2116, -3.5512

# Square

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



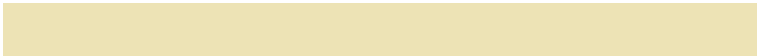
87.4822, -26.5498, 1.1931



87.4822, -0.9668, -20.1250



87.4822, 19.5912, 8.1864



87.4822, -8.3175, 23.9734

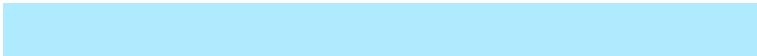


# Rectangle

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



87.4804, -26.5487, 1.1918



87.4822, -16.3528, -16.5031



87.4822, 19.5912, 8.1864



87.4822, 7.6546, 21.7456

# Sweetspot

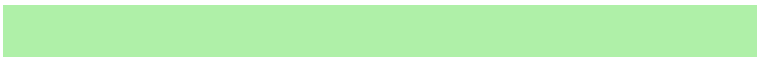
The Sweet Spot groups the original color and five complimentary colors.



87.4822, -26.5498, 1.1931



97.8577, -13.0165, 3.8854



86.1902, -34.9514, 27.0135



45.1225, -6.5710, 1.6926

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

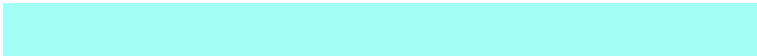


# Same Dimension

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



87.4822, -26.5498, 1.1931



92.7286, -32.2415, 0.7897



78.2985, -11.1288, -14.3749



42.3095, -5.7913, 1.6513



60.7114, -35.9260, 1.6699



17.5326, -10.2311, 0.1718



# Inverse Universe

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



70.4470, 22.8643, 9.6727



71.0697, 30.9253, 11.7196



78.2283, 6.6852, 20.2425



39.7288, 1.6216, 2.9046



31.9127, 54.7869, 19.5718

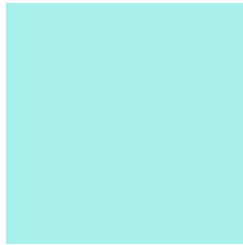


9.2498, 15.9699, 4.9750



# Previews

## White Background



This preview shows how the HunterLab color 87.4804, -26.5487, 1.1918 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

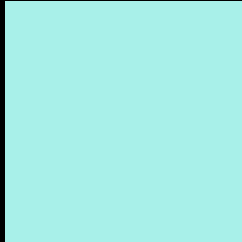
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 87.4804, -26.5487, 1.1918 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

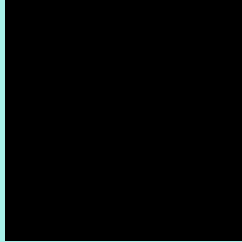
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

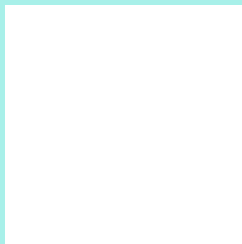
Any Text WCAG AAA ✓ Pass

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

# HunterLab 87.4804, -26.5487, 1.1918 Background



This preview shows how black text looks on a background with the HunterLab color 87.4804, -26.5487, 1.1918.



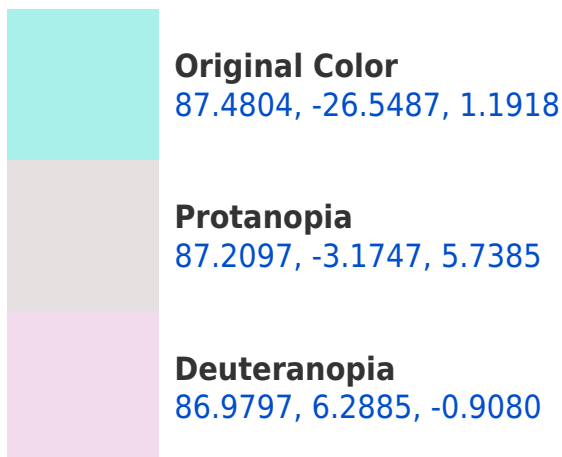
This preview shows how white text looks on a background with the HunterLab color 87.4804,

-26.5487, 1.1918.

# 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





## Tritanopia

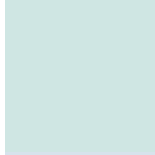
87.2981, -18.8406, -10.7916

# Trichromacy



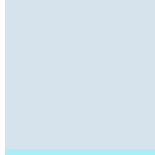
## Original Color

87.4804, -26.5487, 1.1918



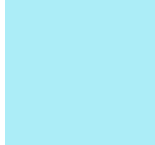
## Protanomaly

86.8361, -12.4003, 3.6712



## Deuteranomaly

86.8570, -6.8402, -0.7692



## Tritanomaly

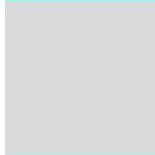
87.2092, -21.4448, -6.4622

# Monochromacy



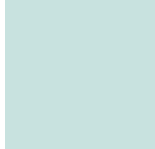
## Original Color

87.4804, -26.5487, 1.1918



## Achromatopsia

83.7318, -4.4677, 4.5493



## Achromatomaly

84.8527, -13.1540, 3.2751

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.4804, -26.5487, 1.1918 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(168, 240, 233)` looks like.

```
.text, #text, p{  
    color:rgb(168, 240, 233)  
}
```

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(168, 240, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 240, 233) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.4804, -26.5487, 1.1918 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(168, 240, 233) }
```



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

```
.border{ border-color:rgb(168, 240, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 240, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 240, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 240, 233);  
box-shadow:4px 4px 4px 4px rgb(168, 240,  
233) }
```

# Background

The CSS property to change the background color of an element to HunterLab 87.4804, -26.5487, 1.1918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 240, 233) }
```

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

```
.background{ background-color: rgb(168,  
240, 233) }
```

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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