

# Converting Colors

HunterLab(87.4798, -27.0619,  
5.1514)

Have a look what the booklet for  
HunterLab(87.4798, -27.0619,  
5.1514) contains.

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# Color

**HunterLab(87.4798,  
-27.0619, 5.1514)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>                 |
|---------------|------------------------------|
| Hex           | ACF0E1                       |
| RGB           | 172, 240, 225                |
| RGB Percent   | 67%, 94%, 88%                |
| CMY           | 0.3255, 0.0588, 0.1176       |
| CMYK          | 0.28, 0.00, 0.06, 0.06       |
| HSL           | 167°, 69%, 81%               |
| HSV           | 167°, 28%, 94%               |
| XYZ           | 61.7640, 76.5272, 82.7502    |
| YIQ           | 217.9580, -35.7130, -19.0810 |

# Conversions

## Conversions Part 2

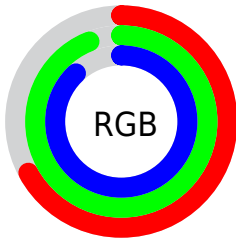
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 172, 210, 240                 |
| Decimal                             | 11333857                      |
| CIE Lab                             | 90.10, -24.26, 0.42           |
| CIE LCh                             | 90, 24.267, 179.001           |
| Yxy                                 | 76.5303, 0.2794,<br>0.3462    |
| Android<br>(android.graphics.Color) | 4289523937<br>(0xFFACF0E1)    |
| YUV                                 | 217.9580, 3.4717,<br>-40.3052 |
| Hunter-Lab                          | 87.4798, -27.0619,<br>5.1514  |

# Details

The HunterLab color **87.4798, -27.0619, 5.1514** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **71.8473, 22.4889, 5.8663**, and the grayscale version is **83.7118, -4.4667, 4.5482**.

A 20% lighter version of the original color is **97.6719, -13.5318, 2.5181**, and **64.0584, -23.3031, 3.8652** is the 20% darker color. If you saturate the color by 10%, you get **85.8900, -33.3979, 5.7403**, and if you desaturate by 10%, it is **89.3247, -19.9284, 4.8565**.

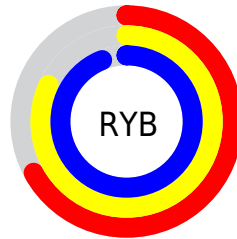
# Distribution



Red (67%)

Green (94%)

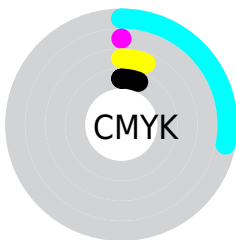
Blue (88%)



Red (67%)

Yellow (82%)

Blue (94%)

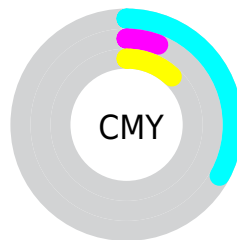


Cyan (28%)

Magenta (0%)

Yellow (6%)

Black (6%)



Cyan (33%)

Magenta (6%)


Yellow (12%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.4798, -27.0619, 5.1514 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 87.4798, -27.0619, 5.1514 by changing the saturation by 10% instead.





 87.4798, -27.0619,  
5.1514

 87.4798, -27.0619,  
5.1514


219.8092,  
-42.9407, 12.4966

 75.4105, -25.2177,  
4.4766


 113.3473,  
-30.6735, 6.5960

 63.9522, -23.3342,  
3.8329


127.0937,  
-32.4504, 7.3608

 53.1413, -21.4006,  
3.2233


141.3548,  
-34.2145, 8.1531

 43.0194, -19.4000,  
2.6497

156.1127,  
-35.9691, 8.9719

 33.6368, -17.3077,  
2.1145

171.3511,  
-37.7170, 9.8164

 25.0573, -15.0856,  
1.6207

187.0555,

 17.3646, -12.6701,

-39.4603, 10.6858

1.1721

203.2123,  
-41.2010, 11.5794

■ 10.6757, -10.8078,  
0.7736

■ 1.0780, -1.8865,  
0.7546

■ 87.4798, -27.0619,  
5.1514

■ 87.4798, -27.0619,  
5.1514

■ 85.8900, -33.3979,  
5.7403

■ 89.3247, -19.9284,  
4.8565

■ 84.5484, -38.8853,  
6.6113

■ 91.4175, -12.0553,  
4.8534

■ 83.4515, -43.4976,  
7.7503

■ 93.7555, -3.5143,  
5.1392

■ 82.5897, -47.2314,  
9.1345

■ 94.9989, 1.1004,  
4.0500

■ 81.9479, -50.1125,  
10.7336

■ 95.1725, 2.0393,  
1.5777

■ 81.5049, -52.2021,  
12.5096

■ 95.2906, 2.6768,  
-0.1007

■ 81.2261, -53.6238,  
14.4104

■ 81.1869, -53.8309,  
14.7288

# Harmonies

## Analogous

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



87.4816, -24.0165, 15.5636



87.4798, -27.0619, 5.1514



87.4816, -24.3912, -6.8500

# Triad

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



87.4816, -27.0631, 5.1526



87.4816, 7.0790, -17.2627



87.4816, 7.8304, 21.9188

# Complementary

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



87.4798, -27.0619, 5.1514



71.8473, 22.4889, 5.8663

# 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.



87.4816, 16.9640, 14.9723



87.4798, -27.0619, 5.1514



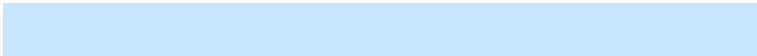
87.4816, 16.5136, -7.6214

# Square

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



87.4816, -27.0631, 5.1526



87.4816, -5.0838, -20.8208



87.4816, 20.2245, 4.3693



87.4816, -4.2604, 24.3840

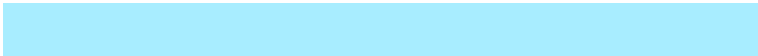


# Rectangle

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



87.4798, -27.0619, 5.1514



87.4816, -19.6383, -13.9546



87.4816, 20.2245, 4.3693



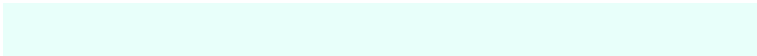
87.4816, 11.3724, 20.0822

# Sweetspot

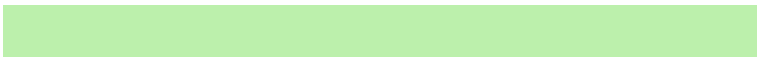
The Sweet Spot groups the original color and five complimentary colors.



87.4816, -27.0631, 5.1526



97.7662, -13.5251, 5.1893



87.1645, -31.0692, 26.6171



45.0733, -6.8450, 2.3935

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

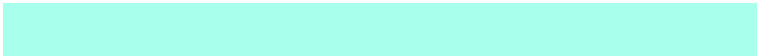


# Same Dimension

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



87.4816, -27.0631, 5.1526



92.6965, -33.0200, 5.8457



81.9979, -15.4306, -9.3544



42.2679, -6.0224, 2.2435



60.0841, -39.7220, 10.6484



17.3719, -11.2020, 2.4685



# Inverse Universe

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



71.8473, 22.4889, 5.8663



72.7890, 30.3352, 6.8925



76.4139, 10.6999, 16.9887



39.7693, 1.8391, 2.3277



32.0900, 55.4433, 16.9513

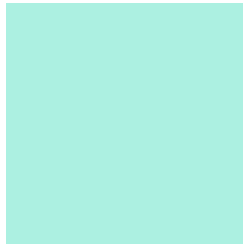


9.3333, 16.2780, 3.7490



# Previews

## White Background



This preview shows how the HunterLab color 87.4798, -27.0619, 5.1514 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

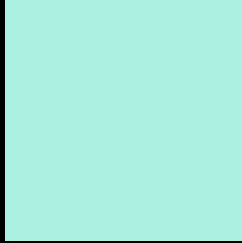
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 87.4798, -27.0619, 5.1514 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

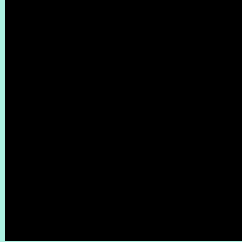
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

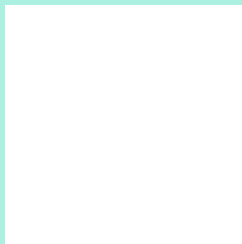
Any Text WCAG AAA ✓ Pass

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

## HunterLab 87.4798, -27.0619, 5.1514 Background



This preview shows how black text looks on a background with the HunterLab color 87.4798, -27.0619, 5.1514.



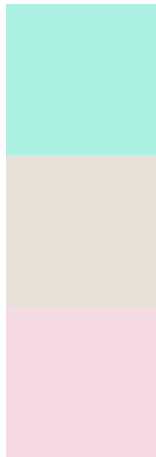
This preview shows how white text looks on a background with the HunterLab color 87.4798, -27.0619, 5.1514.

-27.0619, 5.1514.

# 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

87.4798, -27.0619, 5.1514

### Protanopia

87.1871, -3.6794, 9.0188

### Deuteranopia

87.1281, 6.2606, 3.3535



## Tritanopia

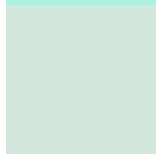
87.5281, -18.0778, -9.8975

# Trichromacy



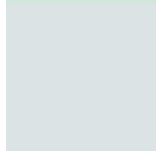
## Original Color

87.4798, -27.0619, 5.1514



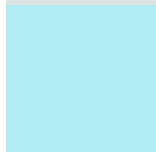
## Protanomaly

86.8692, -12.7183, 7.0922



## Deuteranomaly

86.9481, -7.0442, 3.4030



## Tritanomaly

87.3324, -21.2725, -4.1252

# Monochromacy



## Original Color

87.4798, -27.0619, 5.1514



## Achromatopsia

83.7318, -4.4677, 4.5493



## Achromatomaly

84.8709, -13.2152, 4.2775

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.4798, -27.0619, 5.1514 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(172, 240, 225)` looks like.

```
.text, #text, p{  
    color:rgb(172, 240, 225)  
}
```

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(172, 240, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 240, 225) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.4798, -27.0619, 5.1514 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(172, 240, 225) }
```



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

```
.border{ border-color:rgb(172, 240, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 240, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 240, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 240, 225);  
box-shadow:4px 4px 4px 4px rgb(172, 240,  
225) }
```

# Background

The CSS property to change the background color of an element to HunterLab 87.4798, -27.0619, 5.1514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 240, 225) }
```

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

```
.background{ background-color: rgb(172,  
240, 225) }
```

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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