

# Converting Colors

HunterLab(87.7048, -31.5882,  
9.7426)

Have a look what the booklet for  
HunterLab(87.7048, -31.5882,  
9.7426) contains.

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# Color

**HunterLab(87.7829,  
-31.6912, 9.6577)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A5F3D8
RGB	165, 243, 216
RGB Percent	65%, 95%, 85%
CMY	0.3529, 0.0470, 0.1529
CMYK	0.32, 0.00, 0.11, 0.05
HSL	159°, 76%, 80%
HSV	159°, 32%, 95%
XYZ	59.9623, 77.0584, 76.6791
YIQ	216.6000, -37.8210, -24.9330

# Conversions

## Conversions Part 2

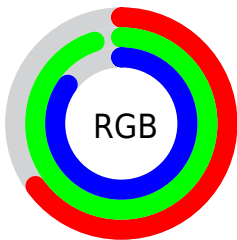
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	165, 212, 243
Decimal	10875864
CIE <sub>Lab</sub>	90.35, -29.57, 5.42
CIE <sub>LCh</sub>	90, 30.065, 169.609
Y <sub>xy</sub>	77.0615, 0.2806, 0.3606
Android (android.graphics.Color)	4289065944 (0xFFA5F3D8)
YUV	216.6000, -0.2958, -45.2532
Hunter-Lab	87.7829, -31.6912, 9.6577

# Details

The HunterLab color **87.7829, -31.6912, 9.6577** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **70.5498, 28.1796, 2.0531**, and the grayscale version is **83.1405, -4.4362, 4.5172**.

A 20% lighter version of the original color is **97.0925, -15.6029, 1.7822**, and **64.3652, -27.6846, 8.1174** is the 20% darker color. If you saturate the color by 10%, you get **86.1826, -38.3118, 11.5630**, and if you desaturate by 10%, it is **89.6470, -24.2238, 7.9804**.

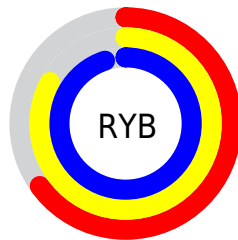
# Distribution



Red (65%)

Green (95%)

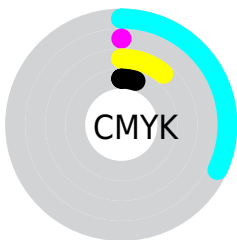
Blue (85%)



Red (65%)

Yellow (83%)

Blue (95%)

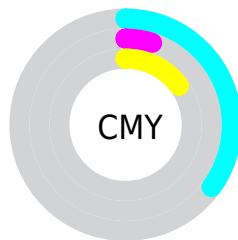


Cyan (32%)

Magenta (0%)

Yellow (11%)

Black (5%)



Cyan (35%)

Magenta (5%)


Yellow (15%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.7829, -31.6912, 9.6577 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 87.7829, -31.6912, 9.6577 by changing the saturation by 10% instead.





 87.7829, -31.6912,  
9.6577


 87.7829, -31.6912,  
9.6577


220.2212,  
-49.5739, 18.7099

 75.6990, -29.5706,  
8.7515


 113.6778,  
-35.8133, 11.5326

 64.2253, -27.3934,  
7.8633


 127.4369,  
-37.8282, 12.4993

 53.3981, -25.1451,  
6.9935


141.7104,  
-39.8205, 13.4857

 43.2587, -22.8039,  
6.1406

156.4802,  
-41.7947, 14.4919

 33.8574, -20.3383,  
5.3022

171.7303,  
-43.7543, 15.5176

 25.2573, -17.6997,  
4.4738

187.4459,

 17.5416, -14.8076,

-45.7024, 16.5626

3.6472

203.6136,  
-47.6416, 17.6268

■ 10.8263, -12.8926,  
2.8223

■ 1.9682, -3.4444,  
1.3777

■ 87.7829, -31.6912,  
9.6577

■ 87.7829, -31.6912,  
9.6577

■ 86.1826, -38.3118,  
11.5630

■ 89.6470, -24.2238,  
7.9804

■ 84.8388, -44.0316,  
13.6700

■ 91.7681, -15.9722,  
6.5441

■ 83.7471, -48.8237,  
15.9501

■ 94.1433, -7.0140,  
5.3599

■ 82.8962, -52.6876,  
18.3678

■ 96.0439, 0.1062,  
3.5283

■ 82.2691, -55.6563,  
20.8822

■ 96.2206, 1.0637,  
1.0131

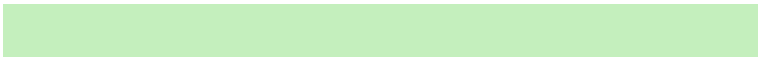
■ 81.8415, -57.8039,  
23.4471

■ 81.6107, -59.0491,  
25.4639

# Harmonies

## Analogous

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



87.7847, -25.9113, 20.9906



87.7829, -31.6912, 9.6577



87.7847, -30.6226, -5.1011

# Triad

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



87.7847, -31.6924, 9.6588



87.7847, 5.3638, -25.7454



87.7847, 15.1185, 23.4687

# Complementary

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



87.7829, -31.6912, 9.6577



70.5498, 28.1796, 2.0531

# 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.



87.7847, 24.6561, 13.6282



87.7829, -31.6912, 9.6577



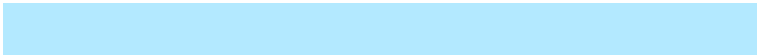
87.7847, 18.7638, -15.2723

# Square

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



87.7847, -31.6924, 9.6588



87.7847, -9.9116, -27.3000



87.7847, 26.0338, -0.3995



87.7847, 0.6593, 28.0128



# Rectangle

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



87.7829, -31.6912, 9.6577



87.7847, -26.1431, -14.9164



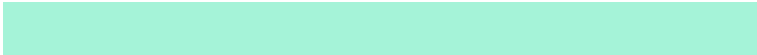
87.7847, 26.0338, -0.3995



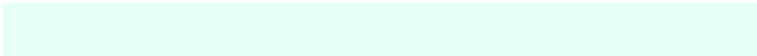
87.7847, 19.0471, 20.7575

# Sweetspot

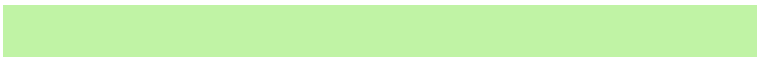
The Sweet Spot groups the original color and five complimentary colors.



87.7847, -31.6924, 9.6588



97.4294, -14.9675, 6.6309



88.3554, -32.0759, 29.9946



44.9180, -7.5247, 3.1556

0.0000, NaN, NaN

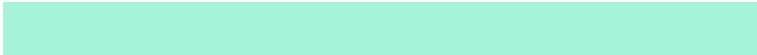


46.2646, -2.4686, 2.5136

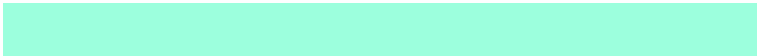


# Same Dimension

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



87.7847, -31.6924, 9.6588



91.5100, -38.4683, 11.5867



84.7309, -21.1267, -7.4958



43.1910, -6.4062, 2.9042



60.4806, -43.6105, 18.5472



17.9840, -12.5988, 4.7186



# Inverse Universe

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



70.5498, 28.1796, 2.0531



69.7158, 37.6250, 2.1981



72.8692, 18.0313, 16.2526



40.7151, 2.1208, 1.7703



32.9137, 57.5057, 12.4313

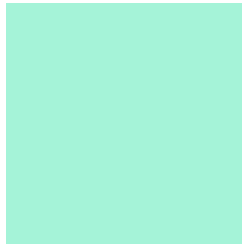


9.8526, 17.3966, 2.3073



# Previews

## White Background



This preview shows how the HunterLab color 87.7829, -31.6912, 9.6577 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

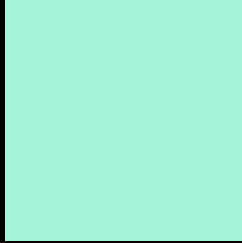
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 87.7829, -31.6912, 9.6577 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

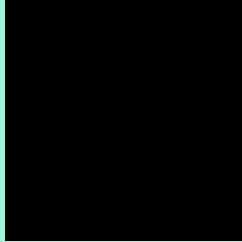
Any Text WCAG AA ✓ Pass

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 87.7829, -31.6912, 9.6577 Background



This preview shows how black text looks on a background with the HunterLab color 87.7829, -31.6912, 9.6577.



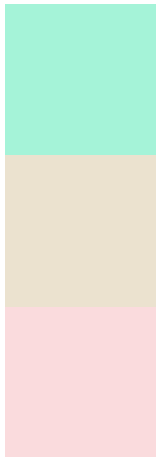
This preview shows how white text looks on a background with the HunterLab color 87.7829, -31.6912, 9.6577.

-31.6912, 9.6577.

# 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

87.7829, -31.6912, 9.6577

### Protanopia

87.4985, -4.7715, 13.8322

### Deuteranopia

87.2969, 6.3260, 7.4425



## Tritanopia

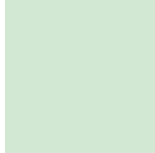
87.8268, -18.6115, -10.0750

# Trichromacy



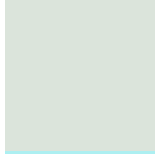
## Original Color

87.7829, -31.6912, 9.6577



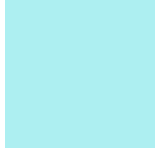
## Protanomaly

87.2170, -15.3674, 12.0244



## Deuteranomaly

86.9835, -9.1007, 7.7586



## Tritanomaly

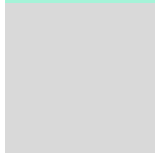
87.7315, -23.3608, -2.5897

# Monochromacy



## Original Color

87.7829, -31.6912, 9.6577



## Achromatopsia

83.2990, -4.4446, 4.5258



## Achromatomaly

84.5034, -14.7835, 5.7529

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.7829, -31.6912, 9.6577 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(165, 243, 216)` looks like.

```
.text, #text, p{  
    color:rgb(165, 243, 216)  
}
```

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(165, 243, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 243, 216) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.7829, -31.6912, 9.6577 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(165, 243, 216) }
```



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

```
.border{ border-color:rgb(165, 243, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 243, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 243, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 243, 216);  
box-shadow:4px 4px 4px 4px rgb(165, 243,  
216) }
```

# Background

The CSS property to change the background color of an element to HunterLab 87.7829, -31.6912, 9.6577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 243, 216) }
```

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

```
.background{ background-color: rgb(165,  
243, 216) }
```

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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