

# Converting Colors

HunterLab(89.7001, -28.3923,  
9.8752)

Have a look what the booklet for  
HunterLab(89.7001, -28.3923,  
9.8752) contains.

<b>HunterLab(89.5407, -28.3283, 9.8439)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(89.5407,  
-28.3283, 9.8439)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4F5DC
RGB	180, 245, 220
RGB Percent	71%, 96%, 86%
CMY	0.2941, 0.0392, 0.1372
CMYK	0.27, 0.00, 0.10, 0.04
HSL	157°, 76%, 83%
HSV	157°, 27%, 96%
XYZ	64.3930, 80.1754, 79.7916
YIQ	222.7150, -30.7150, -21.5550

# Conversions

## Conversions Part 2

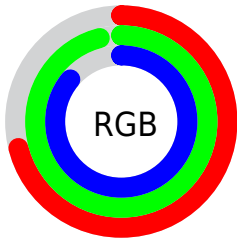
Format	Color
<b>RYB</b>	180, 220, 245
Decimal	11859420
CIELab	91.76, -25.36, 5.49
CIElCh	92, 25.945, 167.792
Yxy	80.1787, 0.2870, 0.3574
Android (android.graphics.Color)	4290049500 (0xFFB4F5DC)
YUV	222.7150, -1.3385, -37.4611
Hunter-Lab	89.5407, -28.3283, 9.8439

# Details

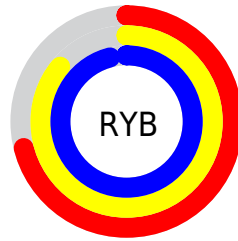
The HunterLab color **89.5407, -28.3283, 9.8439** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **75.1430, 22.9043, 1.1288**, and the grayscale version is **85.7946, -4.5778, 4.6614**.

A 20% lighter version of the original color is **98.3588, -11.0929, 3.3851**, and **65.9905, -24.6156, 8.2492** is the 20% darker color. If you saturate the color by 10%, you get **87.7542, -35.6477, 11.9987**, and if you desaturate by 10%, it is **91.5954, -20.1817, 7.9016**.

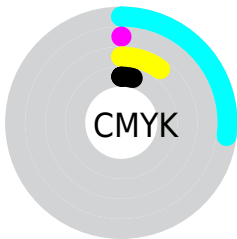
# Distribution



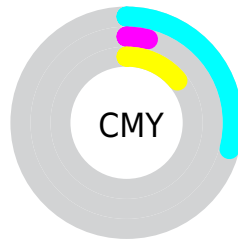
- Red (71%)
- Green (96%)
- Blue (86%)



- Red (71%)
- Yellow (86%)
- Blue (96%)



- Cyan (27%)
- Magenta (0%)
- Yellow (10%)
- Black (4%)




- Cyan (29%)
- Magenta (4%)
- Yellow (14%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 89.5407, -28.3283, 9.8439 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 89.5407, -28.3283, 9.8439 by changing the saturation by 10% instead.





 89.5407, -28.3283,  
9.8439

 89.5407, -28.3283,  
9.8439


222.6061,  
-44.6023, 18.9430

 77.3727, -26.4333,  
8.9320


 115.5928,  
-32.0369, 11.7300

 65.8104, -24.4970,  
8.0379


129.4259,  
-33.8601, 12.7021

 54.8895, -22.5087,  
7.1622


143.7707,  
-35.6690, 13.6939

 44.6499, -20.4515,  
6.3034

158.6094,  
-37.4672, 14.7053

 35.1407, -18.3008,  
5.4592

173.9262,  
-39.2575, 15.7360

 26.4227, -16.0193,  
4.6254

189.7065,

 18.5758, -13.5456,

-41.0422, 16.7861

3.7943

205.9372,  
-42.8232, 17.8551

■ 11.7101, -11.0586,  
2.9501

■ 4.4203, -7.7356,  
3.0942

■ 89.5407, -28.3283,  
9.8439

■ 89.5407, -28.3283,  
9.8439

■ 87.7542, -35.6477,  
11.9987

■ 91.5954, -20.1817,  
7.9016

■ 86.2307, -42.0724,  
14.3390

■ 93.9092, -11.2799,  
6.1851

■ 84.9685, -47.5594,  
16.8359

■ 96.4776, -1.7077,  
4.7062

■ 83.9593, -52.0893,  
19.4538

■ 96.8441, -0.0090,  
1.7538

■ 83.1895, -55.6740,  
22.1519

■ 82.6389, -58.3627,  
24.8852

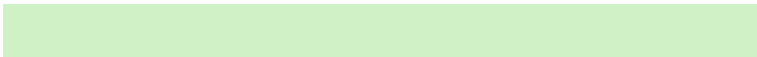
■ 82.2780, -60.2541,  
27.6036

■ 82.1793, -60.7955,  
28.5231

# Harmonies

## Analogous

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



89.5425, -22.8690, 19.6644



89.5407, -28.3283, 9.8439



89.5425, -27.7552, -2.8456

# Triad

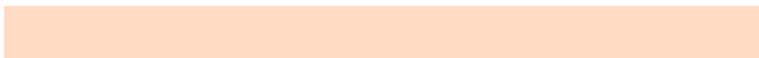
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.5425, -28.3297, 9.8451



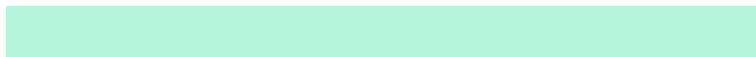
89.5425, 3.1295, -21.3854



89.5425, 12.9695, 21.0198

# Complementary

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



89.5407, -28.3283, 9.8439



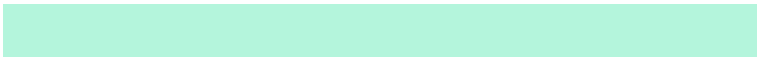
75.1430, 22.9043, 1.1288

# 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.



89.5425, 20.7683, 11.9623



89.5407, -28.3283, 9.8439



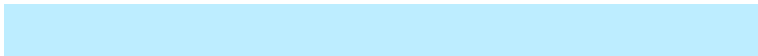
89.5425, 14.8641, -12.9688

# Square

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



89.5425, -28.3297, 9.8451



89.5425, -10.1023, -22.1716



89.5425, 21.4812, -0.3994

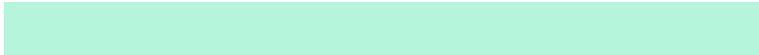


89.5425, 0.6643, 25.4591



# Rectangle

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



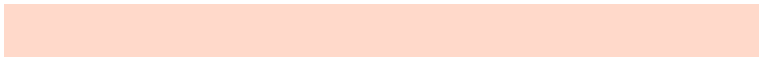
89.5407, -28.3283, 9.8439



89.5425, -24.0244, -11.2715



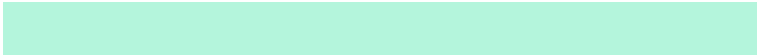
89.5425, 21.4812, -0.3994



89.5425, 16.2351, 18.4799

# Sweetspot

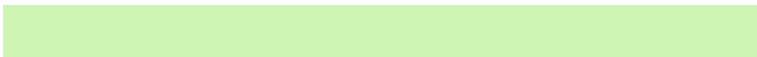
The Sweet Spot groups the original color and five complimentary colors.



89.5425, -28.3297, 9.8451



97.8974, -13.2350, 6.7239



90.4021, -27.2011, 26.9089



45.1177, -6.7873, 3.2314

0.0000, NaN, NaN

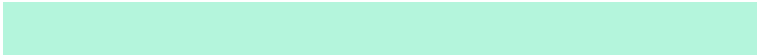


46.2646, -2.4686, 2.5136

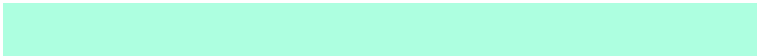


# Same Dimension

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



89.5425, -28.3297, 9.8451



92.6341, -33.9987, 11.5248



88.1701, -20.6270, -4.1241



43.1781, -6.4784, 3.0891



60.3394, -44.4790, 20.5983



17.9444, -12.8422, 5.2937



# Inverse Universe

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



75.1430, 22.9043, 1.1288



74.6313, 30.2509, 0.7391



76.1831, 15.6062, 13.6108



40.7284, 2.1921, 1.5813



33.0463, 57.9930, 10.5003

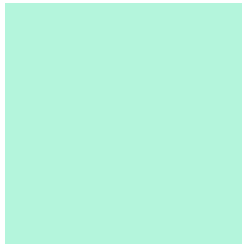


9.8957, 17.5542, 1.6858



# Previews

## White Background



This preview shows how the HunterLab color 89.5407, -28.3283, 9.8439 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

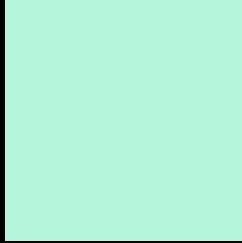
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 89.5407, -28.3283, 9.8439 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

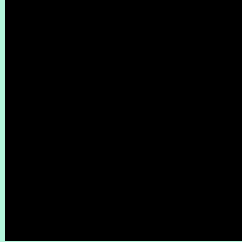
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

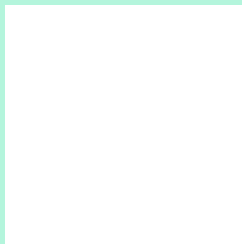
Any Text WCAG AAA ✓ Pass

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

## HunterLab 89.5407, -28.3283, 9.8439 Background



This preview shows how black text looks on a background with the HunterLab color 89.5407, -28.3283, 9.8439.



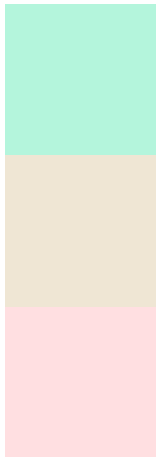
This preview shows how white text looks on a background with the HunterLab color 89.5407,

-28.3283, 9.8439.

# 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

89.5407, -28.3283, 9.8439

### Protanopia

89.2736, -4.7148, 13.5601

### Deuteranopia

89.1468, 6.6176, 7.6711



## Tritanopia

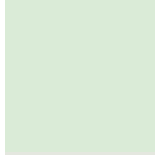
89.3523, -14.7836, -7.9776

# Trichromacy



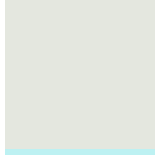
## Original Color

89.5407, -28.3283, 9.8439



## Protanomaly

89.0103, -13.6113, 11.7857



## Deuteranomaly

88.8670, -7.1003, 8.0582



## Tritanomaly

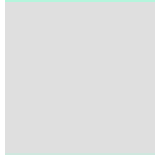
89.5211, -20.1394, -0.8264

# Monochromacy



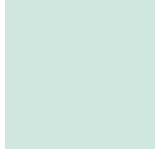
## Original Color

89.5407, -28.3283, 9.8439



## Achromatopsia

85.9017, -4.5835, 4.6672



## Achromatomaly

87.0007, -13.7755, 6.2724

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 89.5407, -28.3283, 9.8439 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(180, 245, 220)` looks like.

```
.text, #text, p{  
    color:rgb(180, 245, 220)  
}
```

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(180, 245, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 245, 220) }
```

## Border

The CSS property to change the border of an element to HunterLab 89.5407, -28.3283, 9.8439 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(180, 245, 220) }
```



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

```
.border{ border-color:rgb(180, 245, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 245, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 245, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 245, 220);  
box-shadow:4px 4px 4px 4px rgb(180, 245,  
220) }
```

# Background

The CSS property to change the background color of an element to HunterLab 89.5407, -28.3283, 9.8439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 245, 220) }
```

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

```
.background{ background-color: rgb(180,  
245, 220) }
```

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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