

# Converting Colors

HunterLab(81.9672, -28.2699,  
6.2371)

Have a look what the booklet for  
HunterLab(81.9672, -28.2699,  
6.2371) contains.

<b>HunterLab(81.8894, -28.2811, 6.2904)</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(81.8894,  
-28.2811, 6.2904)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BE4D1
RGB	155, 228, 209
RGB Percent	61%, 89%, 82%
CMY	0.3921, 0.1059, 0.1804
CMYK	0.32, 0.00, 0.08, 0.11
HSL	164°, 57%, 75%
HSV	164°, 32%, 89%
XYZ	52.7695, 67.0587, 70.4840
YIQ	204.0070, -37.4090, -21.3850

# Conversions

## Conversions Part 2

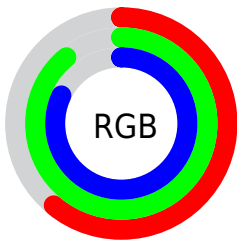
<b>Format</b>	<b>Color</b>
<b>RYB</b>	155, 197, 228
Decimal	10216657
CIELab	85.53, -26.70, 2.05
CIElCh	86, 26.778, 175.613
Yxy	67.0615, 0.2773, 0.3524
Android (android.graphics.Color)	4288406737 (0xFF9BE4D1)
YUV	204.0070, 2.4615, -42.9791
Hunter-Lab	81.8894, -28.2811, 6.2904

# Details

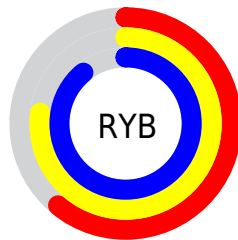
The HunterLab color **81.8894, -28.2811, 6.2904** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **65.5700, 25.0645, 4.6314**, and the grayscale version is **77.7120, -4.1465, 4.2222**.

A 20% lighter version of the original color is **96.2231, -18.7351, 0.6696**, and **58.8543, -24.0309, 4.6051** is the 20% darker color. If you saturate the color by 10%, you get **80.4524, -34.1180, 7.3084**, and if you desaturate by 10%, it is **83.5666, -21.6753, 5.5308**.

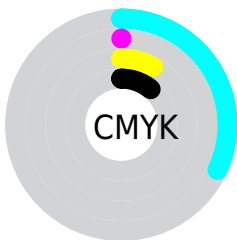
# Distribution



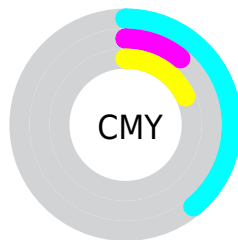
- Red (61%)
- Green (89%)
- Blue (82%)



- Red (61%)
- Yellow (77%)
- Blue (89%)



- Cyan (32%)
- Magenta (0%)
- Yellow (8%)
- Black (11%)




- Cyan (39%)
- Magenta (11%)
- Yellow (18%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 81.8894, -28.2811, 6.2904 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 81.8894, -28.2811, 6.2904 by changing the saturation by 10% instead.




 81.8894, -28.2811,  
6.2904

 81.8894, -28.2811,  
6.2904


212.1706,  
-45.1394, 14.0818

 70.0961, -26.2904,  
5.5546


 107.2420,  
-32.1540, 7.8478

 58.9290, -24.2467,  
4.8464


 120.7466,  
-34.0495, 8.6655

 48.4273, -22.1352,  
4.1678


134.7748,  
-35.9256, 9.5086

 38.6363, -19.9333,  
3.5199

149.3077,  
-37.7865, 10.3764

 29.6119, -17.6071,  
2.9036

164.3285,  
-39.6357, 11.2681

 21.4256, -15.1029,  
2.3194

179.8217,

 14.1743, -12.3268,

-41.4761, 12.1833

1.7672

195.7733,  
-43.3100, 13.1214

■ 7.8279, -13.6988,  
1.5107

0.0000, NaN, NaN

■ 81.8894, -28.2811,  
6.2904

■ 81.8894, -28.2811,  
6.2904

■ 80.4524, -34.1180,  
7.3084

■ 83.5666, -21.6753,  
5.5308

■ 79.2484, -39.1420,  
8.5681

■ 85.4783, -14.3530,  
5.0335

■ 78.2729, -43.3329,  
10.0505

■ 87.6223, -6.3810,  
4.8008

■ 77.5154, -46.6945,  
11.7290

■ 89.9930, 2.1699,  
4.8289

■ 76.9600, -49.2599,  
13.5705

■ 91.0835, 6.2349,  
3.2405

■ 76.5846, -51.0981,  
15.5352

■ 91.2787, 7.2794,  
0.4626

■ 76.3811, -52.1686,  
17.1473

■ 91.4798, 8.3534,  
-2.3937

■ 91.6347, 9.1785,  
-4.5881

# Harmonies

## Analogous

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



81.8911, -24.3751, 17.0094



81.8894, -28.2811, 6.2904



81.8911, -26.1251, -6.7388

# Triad

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



81.8911, -28.2822, 6.2915



81.8911, 6.9450, -20.5747



81.8911, 10.5329, 22.0571

# Complementary

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



81.8894, -28.2811, 6.2904



65.5700, 25.0645, 4.6314

# 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.



81.8911, 19.9149, 14.2669



81.8894, -28.2811, 6.2904



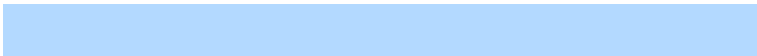
81.8911, 17.7527, -10.4617

# Square

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



81.8911, -28.2822, 6.2915



81.8911, -6.3154, -23.6083



81.8911, 22.6370, 2.5802



81.8911, -2.4141, 25.1449



# Rectangle

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



81.8894, -28.2811, 6.2904



81.8911, -21.4604, -14.8438



81.8911, 22.6370, 2.5802



81.8911, 14.2396, 19.9685

# Sweetspot

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



81.8911, -28.2822, 6.2915



97.4988, -14.5801, 5.6393



81.7976, -31.3694, 27.3759



44.9546, -7.3203, 2.6336

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

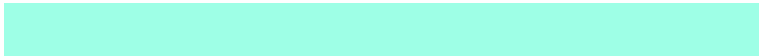


# Same Dimension

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



81.8911, -28.2822, 6.2915



91.9238, -36.3339, 7.8270



76.9053, -16.6546, -9.4919



40.3348, -5.8024, 2.3209



58.0578, -39.5345, 12.7765



15.8298, -10.4580, 2.7899



# Inverse Universe

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



65.5700, 25.0645, 4.6314



70.1286, 35.2501, 5.8049



69.5558, 13.4493, 16.6611



37.9859, 1.8038, 2.0435



31.1852, 54.0499, 15.1565

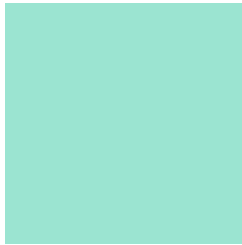


8.5649, 15.0153, 2.8398



# Previews

## White Background



This preview shows how the HunterLab color 81.8894, -28.2811, 6.2904 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

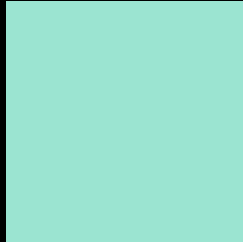
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 81.8894, -28.2811, 6.2904 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

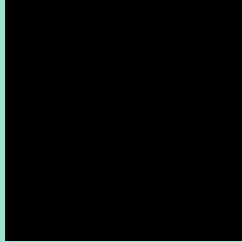
Any Text WCAG AA ✓ Pass

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 81.8894, -28.2811, 6.2904 Background



This preview shows how black text looks on a background with the HunterLab color 81.8894, -28.2811, 6.2904.



This preview shows how white text looks on a background with the HunterLab color 81.8894, -28.2811, 6.2904.

-28.2811, 6.2904.

# 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

81.8894, -28.2811, 6.2904

### Protanopia

81.5308, -3.6898, 10.4370

### Deuteranopia

81.4379, 6.1203, 3.9721



## Tritanopia

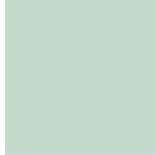
81.7359, -18.1970, -10.3191

# Trichromacy



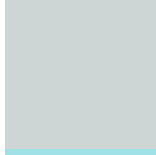
## Original Color

81.8894, -28.2811, 6.2904



## Protanomaly

81.3575, -13.7711, 8.7162



## Deuteranomaly

81.1331, -7.5418, 4.3437



## Tritanomaly

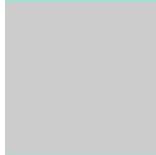
81.7793, -22.2658, -3.7412

# Monochromacy



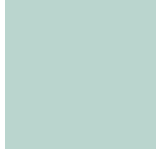
## Original Color

81.8894, -28.2811, 6.2904



## Achromatopsia

77.7063, -4.1462, 4.2219



## Achromatomaly

79.0467, -13.7164, 4.6700

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 81.8894, -28.2811, 6.2904 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(155, 228, 209)` looks like.

```
.text, #text, p{  
    color:rgb(155, 228, 209)  
}
```

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(155, 228, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 228, 209) }
```

## Border

The CSS property to change the border of an element to HunterLab 81.8894, -28.2811, 6.2904 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(155, 228, 209) }
```



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

```
.border{ border-color:rgb(155, 228, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 228, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 228, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 228, 209); box-shadow:4px 4px 4px 4px rgb(155, 228, 209) }
```

# Background

The CSS property to change the background color of an element to HunterLab 81.8894, -28.2811, 6.2904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 228, 209) }
```

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

```
.background{ background-color: rgb(155,  
228, 209) }
```

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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