

Converting Colors

HunterLab(83.6766, -29.0707,
20.2815)

Have a look what the booklet for
HunterLab(83.6766, -29.0707,
20.2815) contains.

HunterLab(83.5429, -28.8020, 20.3299)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(83.5429,
-28.8020, 20.3299)**

Conversions

Conversions Part 1

Format	Color
Hex	B1E7B4
RGB	177, 231, 180
RGB Percent	69%, 91%, 71%
CMY	0.3059, 0.0941, 0.2941
CMYK	0.23, 0.00, 0.22, 0.09
HSL	123°, 53%, 80%
HSV	123°, 23%, 91%
XYZ	54.9455, 69.7942, 53.7557
YIQ	209.0400, -15.8130, -27.3090

Conversions

Conversions Part 2

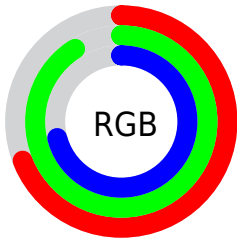
Format	Color
RYB	177, 228, 231
Decimal	11659188
CIELab	86.90, -27.00, 19.34
CIElCh	87, 33.209, 144.390
Yxy	69.7971, 0.3078, 0.3910
Android (android.graphics.Color)	4289849268 (0xFFB1E7B4)
YUV	209.0400, -14.3167, -28.0991
Hunter-Lab	83.5429, -28.8020, 20.3299

Details

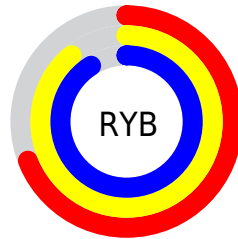
The HunterLab color $83.5429, -28.8020, 20.3299$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $73.5092, 23.5699, -13.4946$, and the grayscale version is $79.9327, -4.2650, 4.3429$.

A 20% lighter version of the original color is $97.4165, -15.6379, 11.4554$, and $60.3351, -24.7338, 17.0143$ is the 20% darker color. If you saturate the color by 10%, you get $81.5413, -37.4634, 26.0081$, and if you desaturate by 10%, it is $85.8508, -19.1189, 14.0541$.

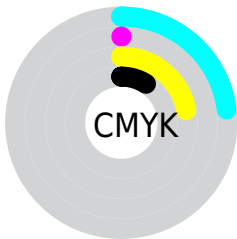
Distribution



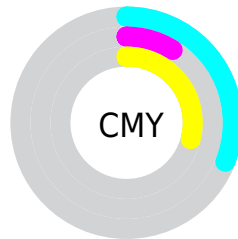
- Red (69%)
- Green (91%)
- Blue (71%)



- Red (69%)
- Yellow (89%)
- Blue (91%)



- Cyan (23%)
- Magenta (0%)
- Yellow (22%)
- Black (9%)



- Cyan (31%)
- Magenta (9%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.5429, -28.8020, 20.3299 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 83.5429, -28.8020, 20.3299 by changing the saturation by 10% instead.

■ 83.5429, -28.8020,
20.3299

■ 83.5429, -28.8020,
20.3299

214.4382,
-45.7565, 34.4422

■ 71.6667, -26.8019,
18.7162

■ 109.0502,
-32.6963, 23.5041

■ 60.4120, -24.7491,
17.0726

122.6273,
-34.6025, 25.0734

■ 49.8173, -22.6297,
15.3889

136.7253,
-36.4894, 26.6366

■ 39.9264, -20.4219,
13.6490

151.3257,
-38.3611, 28.1963

■ 30.7938, -18.0932,
11.8294

166.4116,
-40.2210, 29.7550

■ 22.4883, -15.5928,
9.8934

181.9681,

■ 15.1026, -12.8329,

-42.0721, 31.3146

7.8831

197.9811,
-43.9166, 32.8766

■ 8.7382, -13.9304,
6.1168

0.0000, NaN, NaN

■ 83.5429, -28.8020,
20.3299

■ 83.5429, -28.8020,
20.3299

■ 81.5413, -37.4634,
26.0081

■ 85.8508, -19.1189,
14.0541

■ 79.8448, -44.9919,
31.0140

■ 88.4515, -8.5293,
7.2566

■ 78.4547, -51.3071,
35.2897

■ 91.3358, 2.8406,
0.0181

■ 77.3645, -56.3613,
38.7956

■ 92.5389, 7.5456,
-3.4614

■ 76.5613, -60.1513,
41.5180

■ 76.0242, -62.7267,
43.4728

■ 75.7225, -64.1995,
44.7105

■ 75.6195, -64.7086,
45.1694

Harmonies

Analogous

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



83.5447, -17.2076, 27.6968



83.5429, -28.8020, 20.3299



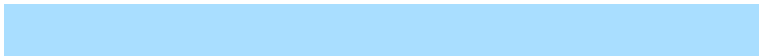
83.5447, -33.8464, 7.4547

Triad

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



83.5447, -28.8036, 20.3309



83.5447, -7.5522, -31.5593



83.5447, 26.5581, 16.1127

Complementary

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



83.5429, -28.8020, 20.3299



73.5092, 23.5699, -13.4946

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.



83.5447, 29.6444, 1.5320



83.5429, -28.8020, 20.3299



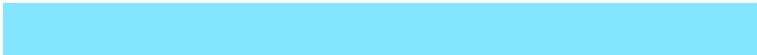
83.5447, 9.0962, -28.0074

Square

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



83.5447, -28.8036, 20.3309



83.5447, -22.2047, -24.0138



83.5447, 23.0307, -15.0802



83.5447, 14.8968, 25.6141

Rectangle

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



83.5429, -28.8020, 20.3299



83.5447, -33.1199, -3.3350



83.5447, 23.0307, -15.0802



83.5447, 28.6690, 11.7298

Sweetspot

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



83.5447, -28.8036, 20.3309



97.8426, -13.9856, 10.9625



87.6771, -13.7638, 25.6571



45.1838, -6.8058, 5.2869

0.0000, NaN, NaN



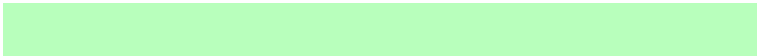
46.2646, -2.4686, 2.5136

Same Dimension

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



83.5447, -28.8036, 20.3309



92.3435, -36.9961, 25.8634



84.2569, -24.7127, 10.0805



40.1274, -6.9604, 5.2879



56.6232, -48.4173, 33.7451



15.4073, -13.0679, 8.9520

Inverse Universe

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



73.5092, 23.5699, -13.4946



78.9570, 32.9964, -19.3232



72.5712, 18.7527, -0.2520



38.2108, 3.0099, -1.1557



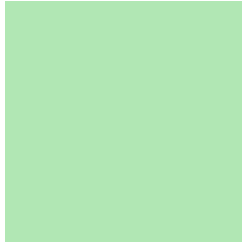
35.1754, 68.3378, -40.0509



9.5843, 18.6542, -11.1775

Previews

White Background



This preview shows how the HunterLab color 83.5429, -28.8020, 20.3299 looks on a white background.

Color Contrast Check

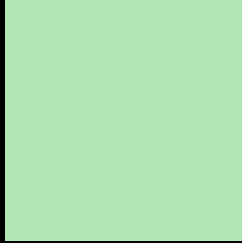
Large Text (above 18pt) WCAG AA × Fail

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 83.5429, -28.8020, 20.3299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

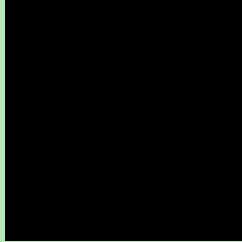
Any Text WCAG AA ✓ Pass

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 83.5429, -28.8020, 20.3299 Background



This preview shows how black text looks on a background with the HunterLab color 83.5429, -28.8020, 20.3299.



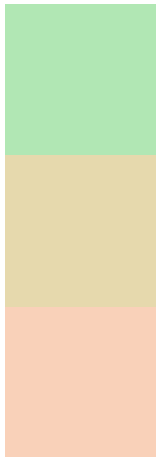
This preview shows how white text looks on a background with the HunterLab color 83.5429,

-28.8020, 20.3299.

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

83.5429, -28.8020, 20.3299

Protanopia

83.3462, -6.6712, 23.1166

Deuteranopia

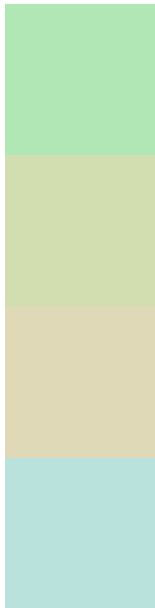
83.2126, 5.8746, 18.6745



Tritanopia

83.5569, -11.6314, -7.7665

Trichromacy



Original Color

83.5429, -28.8020, 20.3299

Protanomaly

83.2022, -15.1183, 21.7345

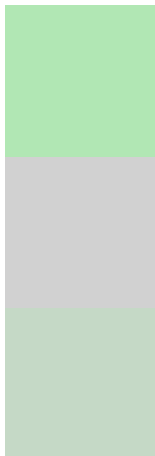
Deuteranomaly

82.9051, -7.7367, 18.9115

Tritanomaly

83.4850, -18.3476, 3.5267

Monochromacy



Original Color

83.5429, -28.8020, 20.3299

Achromatopsia

79.8497, -4.2606, 4.3384

Achromatomaly

80.9773, -13.7894, 10.5389

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.5429, -28.8020, 20.3299 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(177, 231, 180)` looks like.

```
.text, #text, p{  
    color:rgb(177, 231, 180)  
}
```

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(177, 231, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 231, 180) }
```

Border

The CSS property to change the border of an element to HunterLab 83.5429, -28.8020, 20.3299 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(177, 231, 180) }
```


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

```
.border{ border-color:rgb(177, 231, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 231, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 231, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 231, 180); box-shadow:4px 4px 4px 4px rgb(177, 231, 180) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.5429, -28.8020, 20.3299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 231, 180) }
```

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

```
.background{ background-color: rgb(177,  
231, 180) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor