

# Converting Colors

HunterLab(82.6834, -21.7458,  
20.0585)

Have a look what the booklet for  
HunterLab(82.6834, -21.7458,  
20.0585) contains.

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# Color

**HunterLab(82.7300,  
-21.6762, 20.0340)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C1E1B3
RGB	193, 225, 179
RGB Percent	76%, 88%, 70%
CMY	0.2431, 0.1176, 0.2980
CMYK	0.14, 0.00, 0.20, 0.12
HSL	102°, 43%, 79%
HSV	102°, 20%, 88%
XYZ	57.0542, 68.4425, 52.8515
YIQ	210.1880, -4.3060, -21.0900

# Conversions

## Conversions Part 2

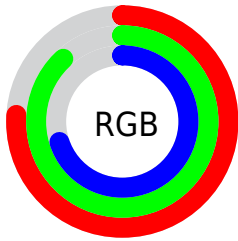
<b>Format</b>	<b>Color</b>
<b>RYB</b>	179, 225, 211
Decimal	12706227
CIELab	86.23, -18.86, 19.08
CIElCh	86, 26.822, 134.669
Yxy	68.4455, 0.3199, 0.3838
Android (android.graphics.Color)	4290896307 (0xFFC1E1B3)
YUV	210.1880, -15.3757, -15.0739
Hunter-Lab	82.7300, -21.6762, 20.0340

# Details

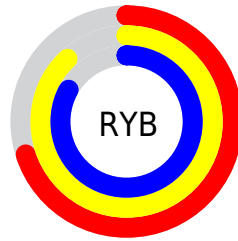
The HunterLab color  $82.7300, -21.6762, 20.0340$  is a light color, and the websafe version is hex  $CCFFCC$ . A complement of this color would be  $71.7825, 15.0707, -14.3442$ , and the grayscale version is  $80.4272, -4.2914, 4.3698$ .

A 20% lighter version of the original color is  $98.9152, -10.3654, 13.6582$ , and  $59.7869, -18.6774, 16.9389$  is the 20% darker color. If you saturate the color by 10%, you get  $81.0299, -29.0571, 26.2444$ , and if you desaturate by 10%, it is  $84.6161, -13.6481, 12.9644$ .

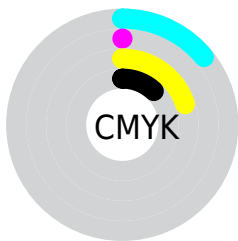
# Distribution



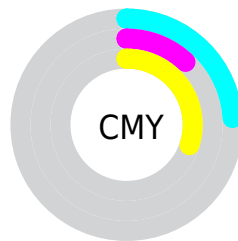
- Red (76%)
- Green (88%)
- Blue (70%)



- Red (70%)
- Yellow (88%)
- Blue (83%)



- Cyan (14%)
- Magenta (0%)
- Yellow (20%)
- Black (12%)



- Cyan (24%)
- Magenta (12%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 82.7300, -21.6762, 20.0340 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 82.7300, -21.6762, 20.0340 by changing the saturation by 10% instead.



■ 82.7300, -21.6762,  
20.0340

■ 82.7300, -21.6762,  
20.0340

213.3243,  
-35.5452, 34.0482

■ 70.8945, -20.1029,  
18.4329

■ 108.1615,  
-24.7836, 23.1842

■ 59.6827, -18.5041,  
16.8022

121.7031,  
-26.3232, 24.7421

■ 49.1335, -16.8718,  
15.1317

135.7669,  
-27.8587, 26.2941

■ 39.2916, -15.1922,  
13.4052

150.3342,  
-29.3924, 27.8430

■ 30.2118, -13.4447,  
11.5990

165.3882,  
-30.9265, 29.3912

■ 21.9647, -11.5961,  
9.6757

180.9137,

■ 14.6446, -9.5885,

-32.4624, 30.9405

7.7306

196.8966,  
-34.0016, 32.4924

■ 8.3040, -10.3383,  
5.8128

0.0000, NaN, NaN

■ 82.7300, -21.6762,  
20.0340

■ 82.7300, -21.6762,  
20.0340

■ 81.0299, -29.0571,  
26.2444

■ 84.6161, -13.6481,  
12.9644

■ 79.5134, -35.7304,  
31.5522

■ 86.6785, -5.0268,  
5.0836

■ 78.1835, -41.6512,  
35.9326

■ 88.9137, 4.1241,  
-3.5499

■ 77.0395, -46.7848,  
39.3787

■ 90.7376, 10.8153,  
-5.7174

■ 76.0784, -51.1119,  
41.9071

■ 75.2942, -54.6329,  
43.5632

■ 74.6777, -57.3725,  
44.4290

■ 74.2287, -59.3374,  
44.7006

# Harmonies

## Analogous

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



82.7318, -10.8100, 24.7893



82.7300, -21.6762, 20.0340



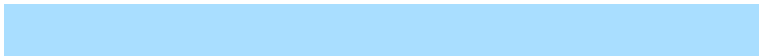
82.7318, -27.7157, 10.6942

# Triad

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



82.7318, -21.6781, 20.0350



82.7318, -11.0874, -22.6318



82.7318, 21.8665, 10.4429

# Complementary

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



82.7300, -21.6762, 20.0340



71.7825, 15.0707, -14.3442

# 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.



82.7318, 21.7805, -2.2064



82.7300, -21.6762, 20.0340



82.7318, 2.1725, -22.7278

# Square

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



82.7318, -21.6781, 20.0350



82.7318, -21.8700, -14.5372



82.7318, 14.3827, -14.7818



82.7318, 14.6107, 19.8762



# Rectangle

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



82.7300, -21.6762, 20.0340



82.7318, -28.4470, 2.4940



82.7318, 14.3827, -14.7818



82.7318, 22.7092, 6.4635

# Sweetspot

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



82.7318, -21.6781, 20.0350



98.5344, -11.4328, 11.0522



80.9769, -4.2815, 18.5958



45.5148, -5.5899, 5.3871

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

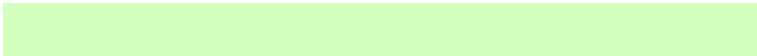


# Same Dimension

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



82.7318, -21.6781, 20.0350



94.3874, -29.1005, 26.5990



81.8802, -24.4058, 15.8066



39.4188, -5.9534, 5.6748



56.3939, -44.8411, 33.9646



15.0011, -11.1602, 9.0482



# Inverse Universe

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



71.7825, 15.0707, -14.3442



78.9654, 22.7457, -21.9785



72.9636, 18.2237, -7.8273



37.0343, 2.0309, -1.7789



27.0185, 57.8640, -72.4156

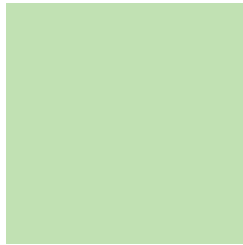


7.4313, 15.6482, -17.8473



# Previews

## White Background



This preview shows how the HunterLab color 82.7300, -21.6762, 20.0340 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 82.7300, -21.6762, 20.0340 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

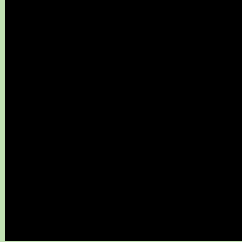
Any Text WCAG AA ✓ Pass

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 82.7300, -21.6762, 20.0340 Background



This preview shows how black text looks on a background with the HunterLab color 82.7300, -21.6762, 20.0340.



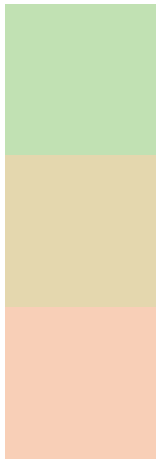
This preview shows how white text looks on a background with the HunterLab color 82.7300,

-21.6762, 20.0340.

# 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**

82.7300, -21.6762, 20.0340

**Protanopia**

82.5535, -6.2256, 22.0002

**Deuteranopia**

82.4627, 6.2856, 18.7125



## Tritanopia

82.5714, -5.7896, -5.6576

# Trichromacy



## Original Color

82.7300, -21.6762, 20.0340

## Protanomaly

82.6103, -12.3470, 21.2087

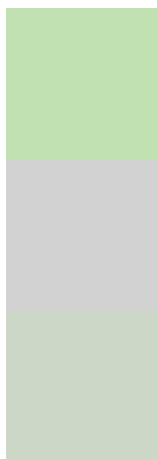
## Deuteranomaly

82.4406, -4.6485, 18.8899

## Tritanomaly

82.6044, -11.8520, 4.5482

# Monochromacy



## Original Color

82.7300, -21.6762, 20.0340

## Achromatopsia

80.2795, -4.2835, 4.3617

## Achromatomaly

80.9702, -10.5049, 10.1443

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 82.7300, -21.6762, 20.0340 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(193, 225, 179)` looks like.

```
.text, #text, p{  
    color:rgb(193, 225, 179)  
}
```

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(193, 225, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 225, 179) }
```

## Border

The CSS property to change the border of an element to HunterLab 82.7300, -21.6762, 20.0340 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(193, 225, 179) }
```



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

```
.border{ border-color:rgb(193, 225, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 225, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 225, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 225, 179);  
box-shadow:4px 4px 4px 4px rgb(193, 225,  
179) }
```

# Background

The CSS property to change the background color of an element to HunterLab 82.7300, -21.6762, 20.0340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 225, 179) }
```

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

```
.background{ background-color: rgb(193,  
225, 179) }
```

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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