

# Converting Colors

HunterLab(80.5041, 13.2379,  
-17.9888)

Have a look what the booklet for  
HunterLab(80.5041, 13.2379,  
-17.9888) contains.

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# Color

**HunterLab(80.5041, 13.2379,  
-17.9888)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1C9FC
RGB	225, 201, 252
RGB Percent	88%, 79%, 99%
CMY	0.1176, 0.2117, 0.0118
CMYK	0.11, 0.20, 0.00, 0.01
HSL	268°, 89%, 89%
HSV	268°, 20%, 99%
XYZ	69.5087, 64.8091, 100.9413
YIQ	213.9900, -2.0670, 20.9490

# Conversions

## Conversions Part 2

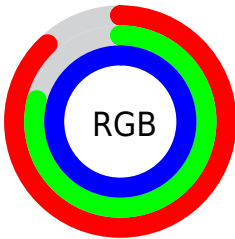
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	225, 201, 252
Decimal	14797308
CIE Lab	84.39, 17.78, -21.93
CIE LCh	84, 28.234, 309.024
Yxy	64.8118, 0.2955, 0.2755
Android (android.graphics.Color)	4292987388 (0xFFE1C9FC)
YUV	213.9900, 18.7389, 9.6558
Hunter-Lab	80.5041, 13.2379, -17.9888

# Details

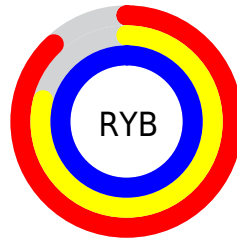
The HunterLab color  $80.5041, 13.2379, -17.9888$  is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be  $95.0439, -21.0572, 23.7240$ , and the grayscale version is  $81.9222, -4.3712, 4.4510$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $57.6564, 12.5554, -17.3452$  is the 20% darker color. If you saturate the color by 10%, you get  $72.0758, 22.7374, -30.9483$ , and if you desaturate by 10%, it is  $89.3137, 3.9836, -6.0329$ .

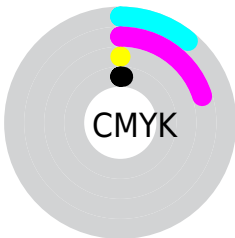
# Distribution



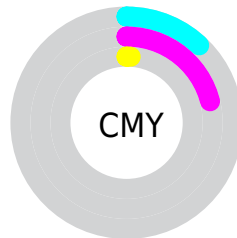
- Red (88%)
- Green (79%)
- Blue (99%)



- Red (88%)
- Yellow (79%)
- Blue (99%)



- Cyan (11%)
- Magenta (20%)
- Yellow (0%)
- Black (1%)



- Cyan (12%)
- Magenta (21%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.5041, 13.2379, -17.9888 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 80.5041, 13.2379, -17.9888 by changing the saturation by 10% instead.



80.5041, 13.2379,  
-17.9888

80.5041, 13.2379,  
-17.9888

210.2654, 12.4595,  
-17.6251

68.7812, 13.0408,  
-17.7683

105.7257, 13.4277,  
-18.2506

57.6885, 12.7698,  
-17.4876

119.1689, 13.4346,  
-18.3011

47.2660, 12.4144,  
-17.1434

133.1379, 13.3880,  
-18.3012

37.5599, 11.9630,  
-16.7361

147.6138, 13.2913,  
-18.2532

28.6277, 11.4009,  
-16.2726

162.5794, 13.1477,  
-18.1596

20.5433, 10.7084,  
-15.7773

178.0190, 12.9597,

13.4072, 9.8602,

-18.0225

-15.3280

193.9187, 12.7296,  
-17.8437

6.9687, 10.7734,  
-16.6618

0.0000, NaN, -NF

80.5041, 13.2379,  
-17.9888

80.5041, 13.2379,  
-17.9888

72.0758, 22.7374,  
-30.9483

89.3137, 3.9836,  
-6.0329

64.0965, 32.4957,  
-45.1253

98.4443, -5.0530,  
5.1056

56.6654, 42.4561,  
-60.7019

99.9041, -5.8612,  
6.8015

49.9114, 52.4223,  
-77.7290

■ 44.0000, 61.9283,  
-95.9030

■ 39.1258, 70.0923,  
-114.2239

■ 35.4697, 75.6415,  
-130.7649

■ 33.0469, 77.8609,  
-143.5055

# Harmonies

## Analogous

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



80.5058, -0.0631, -25.0015



80.5041, 13.2379, -17.9888



80.5058, 22.2173, -5.2647

# Triad

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



80.5058, 13.2362, -17.9871



80.5058, 5.4966, 24.6972



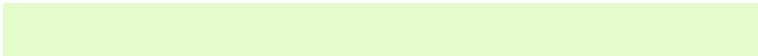
80.5058, -29.0409, 0.2898

# Complementary

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



80.5041, 13.2379, -17.9888



95.0439, -21.0572, 23.7240

# 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.



80.5058, -27.7750, 12.9656



80.5041, 13.2379, -17.9888



80.5058, -8.4509, 25.6719

# Square

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



80.5058, 13.2362, -17.9871



80.5058, 17.5423, 18.8082



80.5058, -20.4526, 21.7432



80.5058, -24.0362, -13.3337



# Rectangle

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



80.5041, 13.2379, -17.9888



80.5058, 24.2153, 3.9478



80.5058, -20.4526, 21.7432



80.5058, -29.3269, 4.8141

# Sweetspot

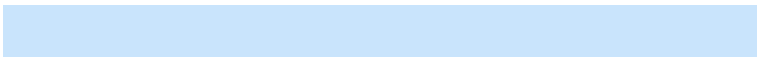
The Sweet Spot groups the original color and five complimentary colors.



80.5058, 13.2362, -17.9871



94.4032, 0.1363, -1.2453



86.6285, -8.4785, -9.8006



43.3964, 0.3406, -0.9197

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



80.5058, 13.2362, -17.9871



78.3192, 17.0230, -23.0630



83.1767, 21.8122, -14.0132



41.2837, 1.5155, -2.3750



24.0311, 56.3883, -102.5665



7.7290, 17.6231, -29.0131



# Inverse Universe

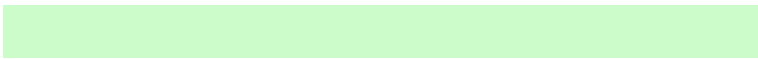
The Inverse Universe completely reimagines the original color for something new.



82.5063, 17.9548, -1.5929



80.7816, 22.6828, -2.7410



93.0021, -28.5895, 21.5771



41.6879, 2.5288, 0.8788



34.2034, 61.2589, 1.2914

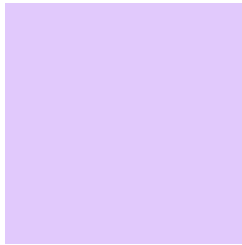


10.5116, 19.0144, -1.0597



# Previews

## White Background



This preview shows how the HunterLab color 80.5041, 13.2379, -17.9888 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

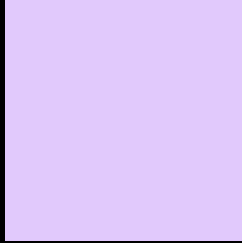
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 80.5041, 13.2379, -17.9888 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 80.5041, 13.2379, -17.9888 Background



This preview shows how black text looks on a background with the HunterLab color 80.5041, 13.2379, -17.9888.



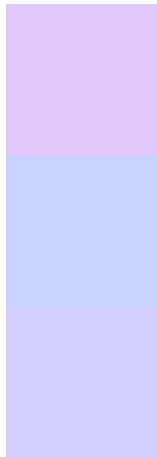
This preview shows how white text looks on a background with the HunterLab color 80.5041, 13.2379, -17.9888.

-17.9888.

# 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

80.5041, 13.2379, -17.9888

### Protanopia

80.6847, 1.8718, -19.7708

### Deuteranopia

80.5956, 5.9023, -17.3743



## Tritanopia

80.3941, 3.1227, -1.3728

# Trichromacy



## Original Color

80.5041, 13.2379, -17.9888

## Protanomaly

80.5318, 5.9251, -19.3064

## Deuteranomaly

80.4672, 8.5277, -17.5146

## Tritanomaly

80.3732, 6.8696, -7.2228

# Monochromacy



## Original Color

80.5041, 13.2379, -17.9888

## Achromatopsia

82.0026, -4.3755, 4.4554

## Achromatomaly

81.3067, 1.9889, -3.3878

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 80.5041, 13.2379, -17.9888 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(225, 201, 252)` looks like.

```
.text, #text, p{  
    color:rgb(225, 201, 252)  
}
```

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(225, 201, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 201, 252) }
```

## Border

The CSS property to change the border of an element to HunterLab 80.5041, 13.2379, -17.9888 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(225, 201, 252) }
```



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

```
.border{ border-color:rgb(225, 201, 252) }
```

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

Here you see how a box with a 4 pixel rgb(225, 201, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 201, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 201, 252);  
box-shadow:4px 4px 4px 4px rgb(225, 201,  
252) }
```

# Background

The CSS property to change the background color of an element to HunterLab 80.5041, 13.2379, -17.9888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 201, 252) }
```

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

```
.background{ background-color: rgb(225,  
201, 252) }
```

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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