

# Converting Colors

HunterLab(83.9397, 23.0981,  
-13.1229)

Have a look what the booklet for  
HunterLab(83.9397, 23.0981,  
-13.1229) contains.

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# Color

**HunterLab(83.9817, 22.9227,  
-12.8677)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFCAFC
RGB	255, 202, 252
RGB Percent	100%, 79%, 99%
CMY	0.0000, 0.2078, 0.0118
CMYK	0.00, 0.21, 0.01, 0.00
HSL	303°, 100%, 90%
HSV	303°, 21%, 100%
XYZ	79.9311, 70.5293, 101.4960
YIQ	223.5470, 15.5380, 26.7860

# Conversions

## Conversions Part 2

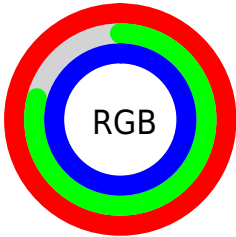
Format	Color
R <sub>Y</sub> B	255, 202, 252
Decimal	16763644
CIE Lab	87.26, 26.88, -17.34
CIE LCh	87, 31.988, 327.170
Yxy	70.5321, 0.3172, 0.2799
Android (android.graphics.Color)	4294953724 (0xFFFFCAFC)
YUV	223.5470, 14.0273, 27.5843
Hunter-Lab	83.9817, 22.9227, -12.8677

# Details

The HunterLab color  $83.9817, 22.9227, -12.8677$  is a light color, and the websafe version is hex  $FFCCFF$ . A complement of this color would be  $94.0666, -29.6246, 21.0385$ , and the grayscale version is  $86.0772, -4.5929, 4.6767$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $60.9309, 21.4771, -12.3181$  is the 20% darker color. If you saturate the color by 10%, you get  $77.1016, 36.8724, -21.7472$ , and if you desaturate by 10%, it is  $91.4305, 9.1598, -4.0028$ .

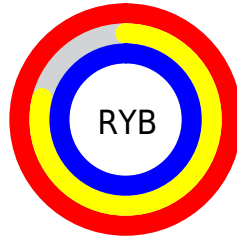
# Distribution



Red (100%)

Green (79%)

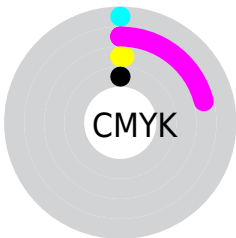
Blue (99%)



Red (100%)

Yellow (79%)

Blue (99%)

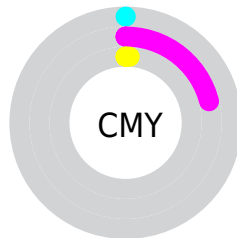


Cyan (0%)

Magenta (21%)

Yellow (1%)

Black (0%)



Cyan (0%)

Magenta (21%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.9817, 22.9227, -12.8677 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 83.9817, 22.9227, -12.8677 by changing the saturation by 10% instead.



83.9817, 22.9227,  
-12.8677

83.9817, 22.9227,  
-12.8677

215.0386, 24.9831,  
-11.1184

72.0836, 22.3601,  
-12.8161

109.5295, 23.8054,  
-12.7997

60.8059, 21.7124,  
-12.7054

123.1257, 24.1438,  
-12.6899

50.1866, 20.9668,  
-12.5299

137.2422, 24.4193,  
-12.5328

40.2696, 20.1119,  
-12.2856

151.8603, 24.6362,  
-12.3311

31.1086, 19.1336,  
-11.9698

166.9634, 24.7980,  
-12.0869

22.7719, 18.0168,  
-11.5849


182.5365, 24.9079,

15.3511, 16.7494,


-11.8022


-11.1500


198.5658, 24.9688,  
-11.4788


 8.9633, 15.4238,  
-10.7881


0.0000, INF, -NF


 83.9817, 22.9227,  
-12.8677

 83.9817, 22.9227,  
-12.8677


 77.1016, 36.8724,  
-21.7472


 91.4305, 9.1598,  
-4.0028

 70.8814, 50.7882,  
-30.4791

 99.3614, -4.2974,  
4.7542

 65.4313, 64.2651,  
-38.7866

 100.0000, -5.3358,  
5.4332

 60.8632, 76.6942,  
-46.2684

■ 57.2755, 87.2930,  
-52.4262

■ 54.7256, 95.2633,  
-56.7714

■ 53.1957, 100.0805,  
-59.0094

■ 52.5216, 101.9875,  
-59.4145

# Harmonies

## Analogous

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



83.9834, 10.0084, -25.8061



83.9817, 22.9227, -12.8677



83.9834, 28.4540, 3.1158

# Triad

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



83.9834, 22.9198, -12.8662



83.9834, -2.9635, 28.8357



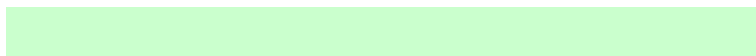
83.9834, -30.1070, -9.8985

# Complementary

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



83.9817, 22.9227, -12.8677



94.0666, -29.6246, 21.0385

# 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.



83.9834, -33.0200, 6.0015



83.9817, 22.9227, -12.8677



83.9834, -18.0589, 26.6367

# Square

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



83.9834, 22.9198, -12.8662



83.9834, 12.8275, 25.6075



83.9834, -28.7730, 18.9222



83.9834, -20.5008, -23.8799



# Rectangle

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



83.9817, 22.9227, -12.8677



83.9834, 26.9286, 12.7494



83.9834, -28.7730, 18.9222



83.9834, -31.8688, -4.5217

# Sweetspot

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



83.9834, 22.9198, -12.8662



95.1672, 2.6832, 0.2014



78.9898, 6.9675, -22.2178



43.7897, 1.6486, -0.1717

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



83.9834, 22.9198, -12.8662



81.0065, 28.7913, -16.6174



83.0582, 18.1281, 0.2112



42.7570, 3.4339, -1.3310



37.9757, 73.7576, -43.0805



11.8717, 23.0914, -13.7293



# Inverse Universe

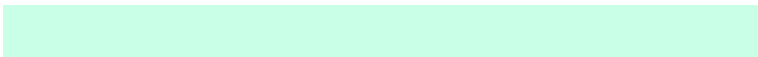
The Inverse Universe completely reimagines the original color for something new.



83.9834, 22.9198, -12.8662



81.0065, 28.7913, -16.6174



94.7921, -25.4772, 10.6071



42.7570, 3.4339, -1.3310



37.9757, 73.7576, -43.0805



11.8717, 23.0914, -13.7293



# Previews

## White Background



This preview shows how the HunterLab color 83.9817, 22.9227, -12.8677 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

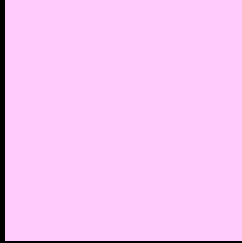
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 83.9817, 22.9227, -12.8677 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

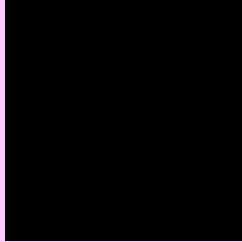
Any Text WCAG AA ✓ Pass

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 83.9817, 22.9227, -12.8677 Background



This preview shows how black text looks on a background with the HunterLab color 83.9817, 22.9227, -12.8677.



This preview shows how white text looks on a background with the HunterLab color 83.9817, 22.9227, -12.8677.

-12.8677.

# 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

83.9817, 22.9227, -12.8677

### Protanopia

84.0801, 0.8883, -14.8884

### Deuteranopia

84.0591, 6.6672, -11.8788



## Tritanopia

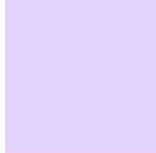
83.9420, 13.4707, 2.6508

# Trichromacy



## Original Color

83.9817, 22.9227, -12.8677



## Protanomaly

84.0081, 8.3326, -14.2655



## Deuteranomaly

84.0062, 12.6457, -12.4287



## Tritanomaly

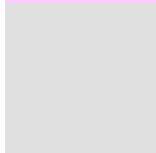
83.8443, 16.8342, -3.0863

# Monochromacy



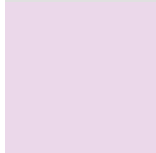
## Original Color

83.9817, 22.9227, -12.8677



## Achromatopsia

86.3368, -4.6067, 4.6908



## Achromatomaly

85.2727, 4.9809, -1.4915

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 83.9817, 22.9227, -12.8677 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(255, 202, 252)` looks like.

```
.text, #text, p{  
    color:rgb(255, 202, 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(255, 202, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 252) }
```

## Border

The CSS property to change the border of an element to HunterLab 83.9817, 22.9227, -12.8677 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(255, 202, 252) }
```



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

```
.border{ border-color:rgb(255, 202, 252) }
```

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

Here you see how a box with a 4 pixel rgb(255, 202, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 202, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 202, 252);  
box-shadow:4px 4px 4px 4px rgb(255, 202,  
252) }
```

# Background

The CSS property to change the background color of an element to HunterLab 83.9817, 22.9227, -12.8677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 202, 252) }
```

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

```
.background{ background-color: rgb(255,  
202, 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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