

# Converting Colors

HunterLab(83.9002, 18.4829,  
-3.0440)

Have a look what the booklet for  
HunterLab(83.9002, 18.4829,  
-3.0440) contains.

<b>HunterLab(83.8965, 18.4636, -2.9913)</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(83.8965, 18.4636,  
-2.9913)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FFCCEA
RGB	255, 204, 234
RGB Percent	100%, 80%, 92%
CMY	0.0000, 0.2000, 0.0823
CMYK	0.00, 0.20, 0.08, 0.00
HSL	325°, 100%, 90%
HSV	325°, 20%, 100%
XYZ	77.6842, 70.3862, 87.3334
YIQ	222.6690, 20.7660, 20.1420

# Conversions

## Conversions Part 2

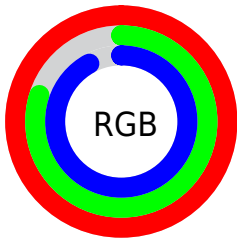
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 204, 234
Decimal	16764138
CIE Lab	87.19, 22.72, -7.92
CIE LCh	87, 24.055, 340.786
Yxy	70.3891, 0.3300, 0.2990
Android (android.graphics.Color)	4294954218 (0xFFFFCCEA)
YUV	222.6690, 5.5862, 28.3543
Hunter-Lab	83.8965, 18.4636, -2.9913

# Details

The HunterLab color **83.8965, 18.4636, -2.9913** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **94.7601, -25.9562, 13.3641**, and the grayscale version is **85.7294, -4.5743, 4.6578**.

A 20% lighter version of the original color is **100.0000, -5.3358, 5.4332**, and **60.8546, 17.3771, -3.2340** is the 20% darker color. If you saturate the color by 10%, you get **76.5880, 30.6272, -6.5895**, and if you desaturate by 10%, it is **91.7285, 6.4481, 1.0560**.

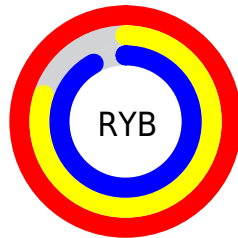
# Distribution



Red (100%)

Green (80%)

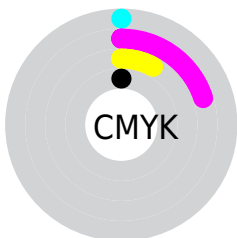
Blue (92%)



Red (100%)

Yellow (80%)

Blue (92%)

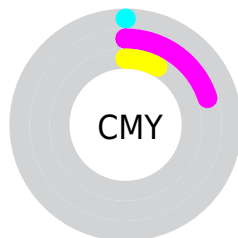


Cyan (0%)

Magenta (20%)

Yellow (8%)

Black (0%)



Cyan (0%)

Magenta (20%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.8965, 18.4636, -2.9913 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 83.8965, 18.4636, -2.9913 by changing the saturation by 10% instead.



83.8965, 18.4636,  
-2.9913

83.8965, 18.4636,  
-2.9913

214.9221, 19.1829,  
1.5689

72.0027, 18.0736,  
-3.2957

109.4365, 19.0177,  
-2.2410

60.7294, 17.6047,  
-3.5510

123.0290, 19.1994,  
-1.8039

50.1149, 17.0446,  
-3.7512

137.1419, 19.3227,  
-1.3281

40.2030, 16.3818,  
-3.8906

151.7565, 19.3916,  
-0.8156

31.0474, 15.6019,  
-3.9619

166.8564, 19.4093,  
-0.2682

22.7168, 14.6874,  
-3.9559


182.4262, 19.3788,

15.3028, 13.6188,


0.3126


-3.8608


198.4524, 19.3025,  
0.9253

 8.9201, 12.4709,  
-3.6949


0.0000, INF, -NF

 83.8965, 18.4636,  
-2.9913


 83.8965, 18.4636,  
-2.9913


 76.5880, 30.6272,  
-6.5895

 91.7285, 6.4481,  
1.0560

 69.8917, 42.7832,  
-9.5861

100.0000, -5.3358,  
5.4332

 63.9200, 54.6173,  
-11.7744

 58.7959, 65.6199,  
-12.9091

■ 54.6402, 75.0749,  
-12.7443

■ 51.5445, 82.1678,  
-11.1164

■ 49.5304, 86.2608,  
-8.0539

■ 48.4376, 87.4959,  
-3.9384

■ 48.4374, 87.4961,  
-3.9374

# Harmonies

## Analogous

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



83.8982, 11.1450, -13.8289



83.8965, 18.4636, -2.9913



83.8982, 19.4329, 8.5752

# Triad

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



83.8982, 18.4606, -2.9899



83.8982, -8.7597, 23.4090



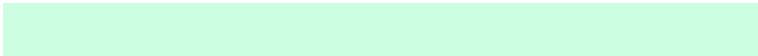
83.8982, -21.2615, -11.0897

# Complementary

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



83.8965, 18.4636, -2.9913



94.7601, -25.9562, 13.3641

# 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.



83.8982, -25.9844, 0.3503



83.8965, 18.4636, -2.9913



83.8982, -19.0411, 19.5565

# Square

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



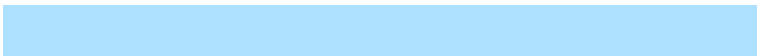
83.8982, 18.4606, -2.9899



83.8982, 3.2555, 22.7768



83.8982, -25.1951, 11.4800



83.8982, -11.9471, -18.9410



# Rectangle

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



83.8965, 18.4636, -2.9913



83.8982, 16.2959, 15.0516



83.8982, -25.1951, 11.4800



83.8982, -23.4143, -7.4744

# Sweetspot

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



83.8982, 18.4606, -2.9899



94.9866, 1.7073, 2.7716



81.4373, 12.0333, -18.4867



43.6967, 1.1470, 1.1510

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



83.8982, 18.4606, -2.9899



80.9052, 23.3181, -4.4918



83.1007, 14.2902, 8.3699



42.6220, 2.7117, 0.5852



35.0567, 63.4042, -3.4593



11.0379, 20.1414, -2.4694



# Inverse Universe

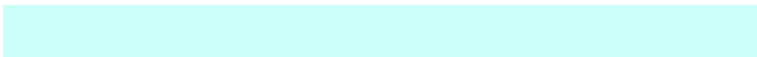
The Inverse Universe completely reimagines the original color for something new.



83.8982, 18.4606, -2.9899



80.9052, 23.3181, -4.4918



95.5270, -21.6038, 2.4016



42.6220, 2.7117, 0.5852



35.0567, 63.4042, -3.4593



11.0379, 20.1414, -2.4694



# Previews

## White Background



This preview shows how the HunterLab color 83.8965, 18.4636, -2.9913 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

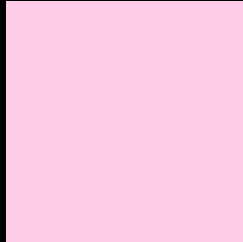
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 83.8965, 18.4636, -2.9913 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

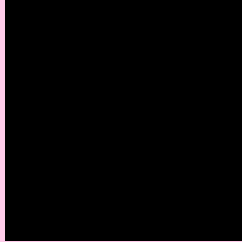
Any Text WCAG AA ✓ Pass

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 83.8965, 18.4636, -2.9913 Background



This preview shows how black text looks on a background with the HunterLab color 83.8965, 18.4636, -2.9913.



This preview shows how white text looks on a background with the HunterLab color 83.8965, 18.4636, -2.9913.

-2.9913.

# 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

83.8965, 18.4636, -2.9913

### Protanopia

84.0449, -0.1947, -7.4768

### Deuteranopia

83.9080, 6.4151, -2.1291



## Tritanopia

83.8446, 14.5691, 3.0511

# Trichromacy



## Original Color

83.8965, 18.4636, -2.9913

## Protanomaly

83.7508, 6.3726, -6.0924

## Deuteranomaly

83.8817, 10.9478, -2.6108

## Tritanomaly

83.8000, 16.1552, 1.0131

# Monochromacy



## Original Color

83.8965, 18.4636, -2.9913

## Achromatopsia

85.9017, -4.5835, 4.6672

## Achromatomaly

85.0411, 3.7363, 1.8003

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 83.8965, 18.4636, -2.9913 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, 204, 234)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 234)  
}
```

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, 204, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 234) }
```

## Border

The CSS property to change the border of an element to HunterLab 83.8965, 18.4636, -2.9913 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, 204, 234) }
```



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

```
.border{ border-color:rgb(255, 204, 234) }
```

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

Here you see how a box with a 4 pixel rgb(255, 204, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 234);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
234) }
```

# Background

The CSS property to change the background color of an element to HunterLab 83.8965, 18.4636, -2.9913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 204, 234) }
```

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

```
.background{ background-color: rgb(255,  
204, 234) }
```

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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