

# Converting Colors

HunterLab(83.4578, 16.1743,  
3.2438)

Have a look what the booklet for  
HunterLab(83.4578, 16.1743,  
3.2438) contains.

<b>HunterLab(83.4663, 16.2187, 3.1230)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(83.4663, 16.2187,  
3.1230)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFCCDD
RGB	255, 204, 221
RGB Percent	100%, 80%, 87%
CMY	0.0000, 0.2000, 0.1333
CMYK	0.00, 0.20, 0.13, 0.00
HSL	340°, 100%, 90%
HSV	340°, 20%, 100%
XYZ	75.8841, 69.6662, 77.8541
YIQ	221.1870, 24.9390, 16.0990

# Conversions

## Conversions Part 2

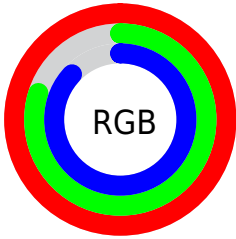
Format	Color
R <sub>Y</sub> B	255, 204, 221
Decimal	16764125
CIE Lab	86.83, 20.60, -1.54
CIE LCh	87, 20.656, 355.716
Yxy	69.6692, 0.3397, 0.3118
Android (android.graphics.Color)	4294954205 (0xFFFFCCDD)
YUV	221.1870, -0.0922, 29.6540
Hunter-Lab	83.4663, 16.2187, 3.1230

# Details

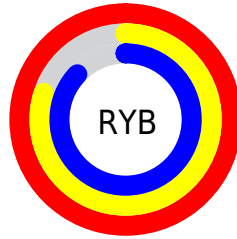
The HunterLab color  $83.4663, 16.2187, 3.1230$  is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be  $95.1481, -23.7497, 7.8072$ , and the grayscale version is  $85.1081, -4.5412, 4.6241$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $60.4745, 15.4178, 2.1642$  is the 20% darker color. If you saturate the color by 10%, you get  $75.9356, 27.3356, 2.6655$ , and if you desaturate by 10%, it is  $91.5163, 5.3101, 4.0786$ .

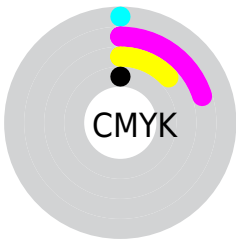
# Distribution



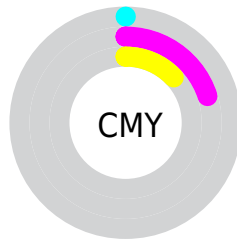
- Red (100%)
- Green (80%)
- Blue (87%)



- Red (100%)
- Yellow (80%)
- Blue (87%)



- Cyan (0%)
- Magenta (20%)
- Yellow (13%)
- Black (0%)




- Cyan (0%)
- Magenta (20%)
- Yellow (13%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.4663, 16.2187, 3.1230 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 83.4663, 16.2187, 3.1230 by changing the saturation by 10% instead.




 83.4663, 16.2187,  
3.1230

 83.4663, 16.2187,  
3.1230


214.3333, 16.2621,  
9.7314

 71.5939, 15.9159,  
2.5475


108.9664, 16.6069,  
4.3826

 60.3433, 15.5375,  
2.0084


122.5402, 16.7096,  
5.0606

 49.7528, 15.0713,  
1.5097


136.6350, 16.7563,  
5.7691

 39.8666, 14.5061,  
1.0547

151.2323, 16.7506,  
6.5070

 30.7388, 13.8275,  
0.6477

166.3152, 16.6957,  
7.2731

 22.4389, 13.0174,  
0.2944


181.8688, 16.5944,

 15.0593, 12.0535,


8.0664


0.0030


197.8790, 16.4492,  
8.8861


 8.6983, 11.0875,  
-0.2618


0.0000, INF, NaN

 83.4663, 16.2187,  
3.1230


 83.4663, 16.2187,  
3.1230


 75.9356, 27.3356,  
2.6655

 91.5163, 5.3101,  
4.0786

 69.0161, 38.5456,  
2.8144

100.0000, -5.3358,  
5.4332

 62.8267, 49.5847,  
3.6933

 57.5011, 59.9936,  
5.4092

■ 53.1755, 69.0870,  
8.0071

■ 49.9599, 76.0411,  
11.4065

■ 47.8918, 80.1707,  
15.3545

■ 46.8144, 81.5710,  
19.3925

■ 46.8142, 81.5713,  
19.3934

# Harmonies

## Analogous

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



83.4681, 12.5376, -6.7763



83.4663, 16.2187, 3.1230



83.4681, 14.1378, 12.3090

# Triad

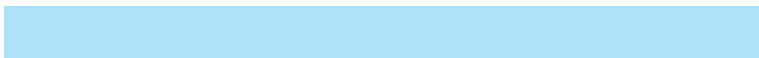
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.4681, 16.2156, 3.1244



83.4681, -12.8760, 19.7922



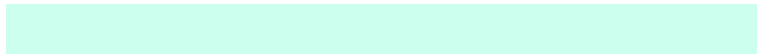
83.4681, -15.3197, -12.5632

# Complementary

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



83.4663, 16.2187, 3.1230



95.1481, -23.7497, 7.8072

# 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.



83.4681, -21.5563, -4.0485



83.4663, 16.2187, 3.1230



83.4681, -20.1941, 14.4708

# Square

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



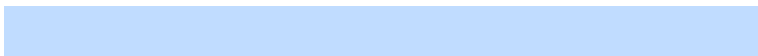
83.4681, 16.2156, 3.1244



83.4681, -2.9742, 21.2262



83.4681, -23.2970, 5.9379



83.4681, -5.9318, -16.5030



# Rectangle

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



83.4663, 16.2187, 3.1230



83.4681, 9.8193, 16.9324



83.4681, -23.2970, 5.9379



83.4681, -17.8360, -10.0945

# Sweetspot

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



83.4681, 16.2156, 3.1244



94.8599, 1.0218, 4.5768



82.8167, 16.5178, -16.4109



43.6317, 0.7956, 2.0779

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

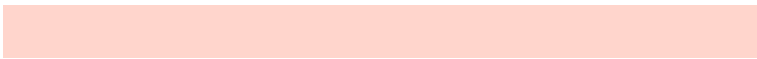
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.4681, 16.2156, 3.1244



80.3864, 20.6451, 2.8753



85.4165, 8.9453, 13.1339



42.5287, 2.2109, 1.9138



33.8763, 59.0981, 13.4874



10.6616, 18.7747, 2.8858



# Inverse Universe

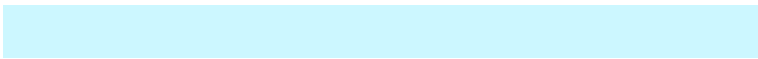
The Inverse Universe completely reimagines the original color for something new.



83.4681, 16.2156, 3.1244



80.3864, 20.6451, 2.8753



92.8843, -16.3760, -3.4419



42.5287, 2.2109, 1.9138



33.8763, 59.0981, 13.4874



10.6616, 18.7747, 2.8858



# Previews

## White Background



This preview shows how the HunterLab color 83.4663, 16.2187, 3.1230 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

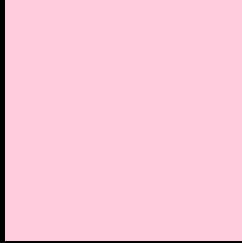
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 83.4663, 16.2187, 3.1230 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

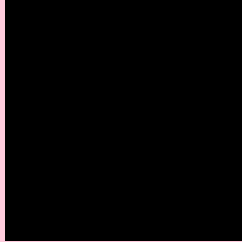
Any Text WCAG AA ✓ Pass

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 83.4663, 16.2187, 3.1230 Background



This preview shows how black text looks on a background with the HunterLab color 83.4663, 16.2187, 3.1230.



This preview shows how white text looks on a background with the HunterLab color 83.4663, 16.2187,

3.1230.

# 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

83.4663, 16.2187, 3.1230

### Protanopia

83.4378, -1.6700, -0.7717

### Deuteranopia

83.6259, 6.2129, 3.6328



## Tritanopia

83.4344, 16.0521, 3.5769

# Trichromacy



## Original Color

83.4663, 16.2187, 3.1230

## Protanomaly

83.3739, 4.1533, 0.7903

## Deuteranomaly

83.3739, 9.9195, 3.3973

## Tritanomaly

83.4344, 16.0521, 3.5769

# Monochromacy



## Original Color

83.4663, 16.2187, 3.1230

## Achromatopsia

85.0326, -4.5371, 4.6200

## Achromatomaly

84.3475, 2.5519, 3.9344

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 83.4663, 16.2187, 3.1230 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, 221)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 221)  
}
```

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, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 221) }
```

## Border

The CSS property to change the border of an element to HunterLab 83.4663, 16.2187, 3.1230 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, 221) }
```



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

```
.border{ border-color:rgb(255, 204, 221) }
```

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, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 221);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
221) }
```

# Background

The CSS property to change the background color of an element to HunterLab 83.4663, 16.2187, 3.1230 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, 221) }
```

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

```
.background{ background-color: rgb(255,  
204, 221) }
```

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